

Service Manual



Colour LCD Television

TX-32LXD60

TX-26LXD60

GLP21 Chassis

SPECIFICATIONS

(Information in brackets [] refers to model TX-26LXD60)

Power Source:	220-240V AC, 50Hz	
Power Consumption:	153W [105W]	
Stand-by Power Consumption:	1W (TV ONLY) 10W (TV+DVB set to record)	
Aerial Impedance:	75Ω unbalanced, Coaxial Type	
Receiving System:	PAL-I, PAL-525/60 (AV only) DVB (via UHF aerial input) M. NTSC (AV only) NTSC (AV only)	
Receiving Channels:	UHF E21-E68	
Operating Conditions:		
Temperature:	5°C ÷ 35°C	
Humidity:	5% ÷ 90% RH (non-condensing)	
Intermediate Frequency:		
Video/Audio		
Video	38,9MHz	
Audio	32,9MHz 32,35MHz (NICAM)	
Colour	34,47MHz	
Terminals:		
AV1 IN	Video (21 pin)	1V p-p 75Ω
	Audio (21 pin)	500mV rms 10kΩ
	RGB (21 pin)	0,7V p-p 75Ω
AV1 OUT	Video (21 pin)	1V p-p 75Ω
	Audio (21 pin)	500mV rms 1kΩ
AV2 IN	Video (21 pin)	1V p-p 75Ω
	Audio (21 pin)	500mV rms 10kΩ
	S-Video IN (21 pin)	Y: 1V p-p 75Ω C: 0,3V p-p 75Ω
	RGB (21 pin)	0,7V p-p 75Ω
AV2 OUT	Video (21 pin)	1V p-p 75Ω
	Audio (21 pin)	500mV rms 1kΩ

AV3 IN	S-Video IN (4-pin)	Y: 1V p-p 75Ω C: 0,3V p-p 75Ω
	Audio (RCAx2)	500mV rms 10kΩ
	Video (RCAx1)	1V p-p 75Ω
HDMI1, HDMI2	Type A Connector	
COMPONENT YUV	Video (RCAx3)	Y: 1V p-p 75Ω Pb, Pr: 0,7V p-p 75Ω
AUDIO IN	Audio (RCAx2)	500mV rms 10kΩ
LCD screen:	L5EDD8Q00019 [L5EDD6Q00013] 1366 x 768 XGA, 16:9 Visible Diagonal 800mm [660mm]	
Audio Output:	2x10W RMS 8Ω impedance	
Headphones:	3,5mm, 8Ω Impedance	
Accessories supplied :	Remote Control 2 x R6 (UM3) Batteries	
Dimensions:		
Including TV stand		
Height:	615mm	[525mm]
Width:	791mm	[657mm]
Depth:	301mm	[301mm]
TV set only		
Height:	563mm	[473mm]
Width:	791mm	[657mm]
Depth:	107mm	[107mm]
Net weight:	19kg	[14,5kg]

Specifications are subject to change without notice.

Weights and dimensions shown are approximate.

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SAFETY PRECAUTION

General Guide Lines

1. When servicing, observe the original lead dress. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
2. After servicing, see to it that all the protective devices such as insulation barriers, insulation papers shields are properly installed.
3. After servicing, make the following touch current checks to prevent the customer from being exposed to shock hazards.
4. Always ensure panel TKKL5290 is correctly replaced before returning to customer (see Fig.1).

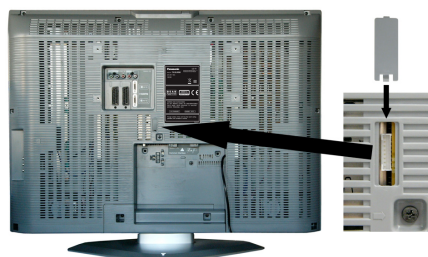
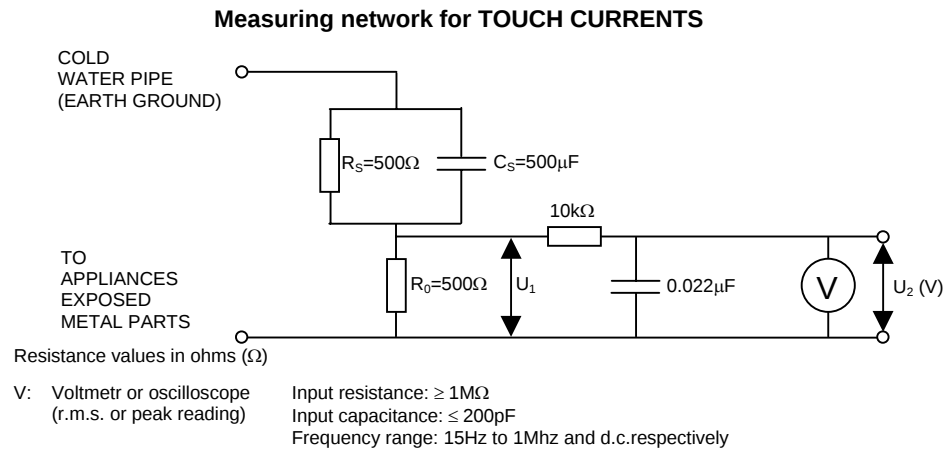


Fig. 1

Touch-Current Check

1. Plug the AC cord directly into the AC outlet. Do not use an isolation transformer for this check.
2. Connect a measuring network for touch currents between each exposed metallic part on the set and a good earth ground such as a water pipe, as shown in Fig. 2.
3. Use Leakage Current Tester (Simpson 228 or equivalent) to measure the potential across the measuring network.
4. Check each exposed metallic part, and measure the voltage at each point.
5. Reserve the AC plug in the AC outlet and repeat each of the above measure.
6. The potential at any point (TOUCH CURRENT) expressed as voltage U1 and U2, does not exceed the following values:
 For a. c.: U1 = 35 V (peak) and U2 = 0.35 V (peak);
 For d. c.: U1 = 1.0 V,
Note:
 The limit value of U2 = 0.35 V (peak) for a. c. and U1 = 1.0 V for d. c. correspond to the values 0.7 mA (peak) a. c. and 2.0 mA d. c.
 The limit value U1 = 35 V (peak) for a. c. correspond to the value 70 mA (peak) a. c. for frequencies greater than 100 kHz.
7. In case a measurement is out of the limits specified, there is a possibility of a shock hazard, and the equipment should be repaired and rechecked before it is returned to the customer.



NOTE – Appropriate measures should be taken to obtain the correct value in case of non-sinusoidal waveforms

Fig. 2

PREVENTION OF ELECTROSTATIC DISCHARGE (ESD) TO ELECTROSTATICALLY SENSITIVE (ES) DEVICES

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically Sensitive (ES) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor "chip" components. The following techniques should be used to help reduce the incidence of component damage caused by electrostatic discharge (ESD).

1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any ESD on your body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging ESD wrist strap, which should be removed for potential shock reasons prior to applying power to the unit under test.
2. After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as aluminum foil, to prevent electrostatic charge build up or exposure of the assembly.
3. Use only a grounded-tip soldering iron to solder or unsolder ES devices.
4. Use only an anti-static solder removal device. Some solder removal devices not classified as "anti-static (ESD protected)" can generate electrical charge sufficient to damage ES devices.
5. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ES devices.
6. Do not remove a replacement ES device from its protective package until immediately before you are ready to install it. (Most replacement ES devices are packaged with leads electrically shorted together by conductive foam, aluminum foil or comparable conductive material).
7. Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.

Caution

Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.

8. Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise harmless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity (ESD) sufficient to damage an ES device).

IMPORTANT SAFETY

There are special components used in this equipment which are important for safety. These parts are marked by  in schematic diagrams, exploded views and replacement parts list. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire, or other hazards. Do not modify the original design without permission of manufacturer.

ABOUT LEAD FREE SOLDER (PbF)

Note: Lead is listed as (Pb) in the periodic table of elements.

In the information below, Pb will refer to Lead solder, and PbF will refer to Lead Free Solder.

The Lead Free Solder used in our manufacturing process and discussed below is (Sn+Ag+Cu).

That is Tin (Sn), Silver (Ag) and Copper (Cu) although other types are available.

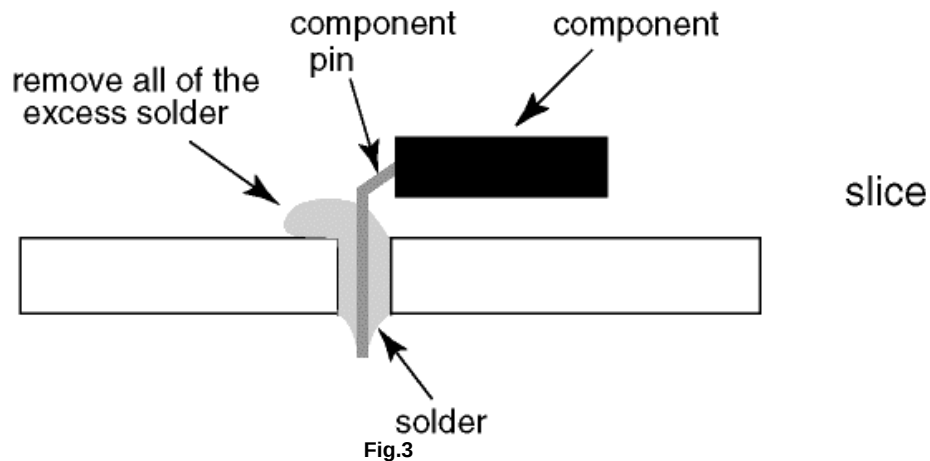
This model uses Pb Free solder in it's manufacture due to environmental conservation issues. For service and repair work, we'd suggest the use of Pb free solder as well, although Pb solder may be used.

PCBs manufactured using lead free solder will have the PbF within a leaf Symbol

 stamped on the back of PCB.

Caution

- Pb free solder has a higher melting point than standard solder. Typically the melting point is 50 ~ 70 °F (30~40°C) higher. Please use a high temperature soldering iron and set it to 700 ± 20 °F (370 ± 10 °C).
- Pb free solder will tend to splash when heated too high (about 1100 °F or 600 °C).
If you must use Pb solder, please completely remove all of the Pb free solder on the pins or solder area before applying Pb solder. If this is not practical, be sure to heat the Pb free solder until it melts, before applying Pb solder.
- After applying PbF solder to double layered boards, please check the component side for excess solder which may flow onto the opposite side. (see Fig. 3)



Suggested Pb free solder

There are several kinds of Pb free solder available for purchase. This product uses Sn+Ag+Cu (tin, silver, copper) solder. However, Sn+Cu (tin, copper), Sn+Zn+Bi (tin, zinc, bismuth) solder can also be used.

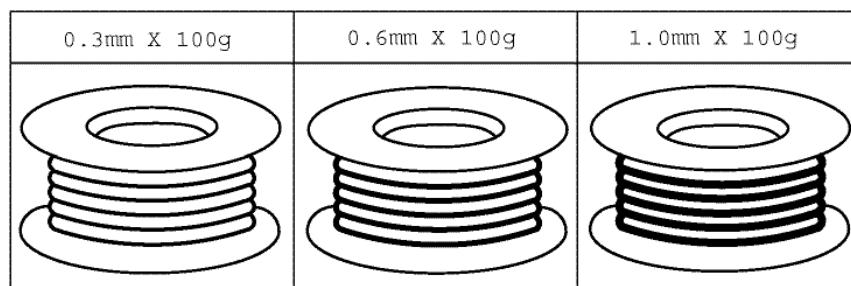


Fig.4

SERVICE HINTS

How to remove the pedestal assembly

Lay the main unit face down as shown in Fig.5.



Fig.5

Remove the 2 fixing screws and hinge cover as shown in Fig.6.

Remove the 8 fixing screws and the pedestal assembly as shown in Fig.7.

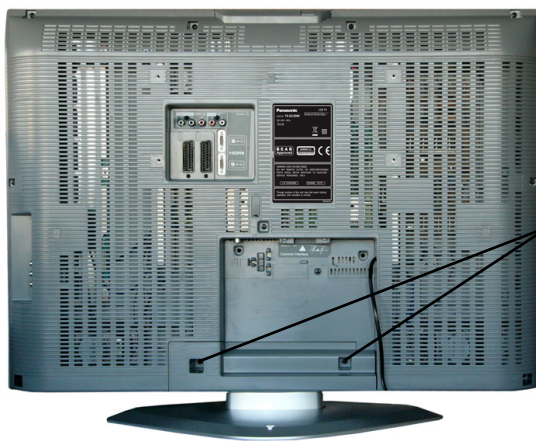


Fig.6

SCREWS

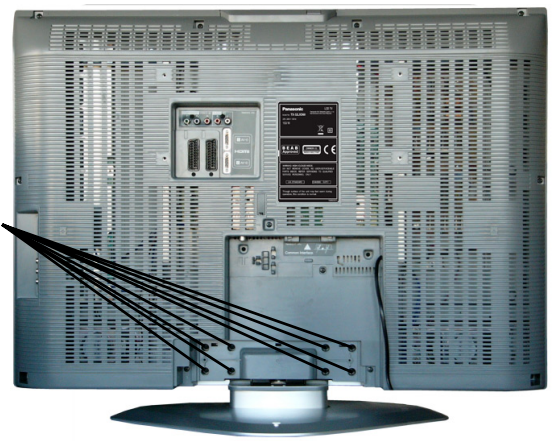


Fig.7

How to remove the backcover

Remove the 2 fixing screws and hinge cover as shown in Fig.6.

Remove the 16 fixing screws as shown in Fig.8.

Carefully remove the backcover and disconnect two AV3 wires as shown in Fig.9.

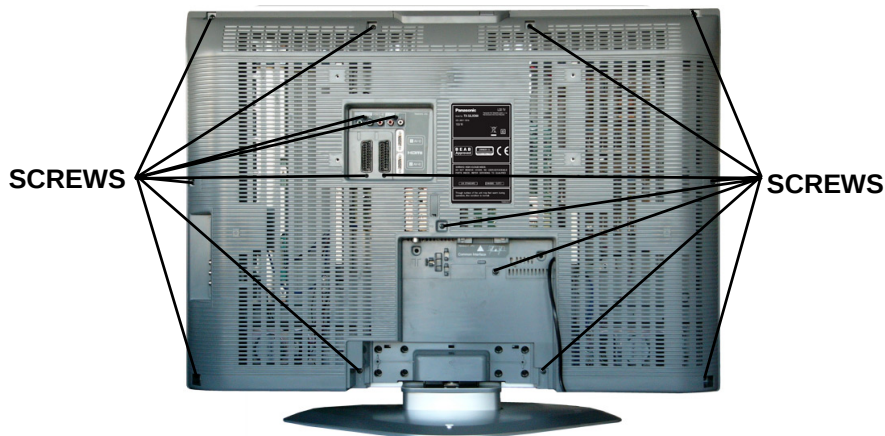


Fig.8

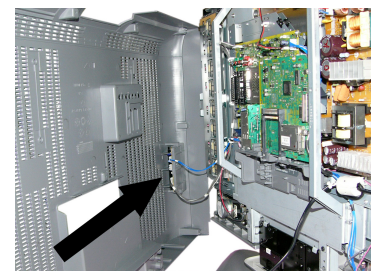
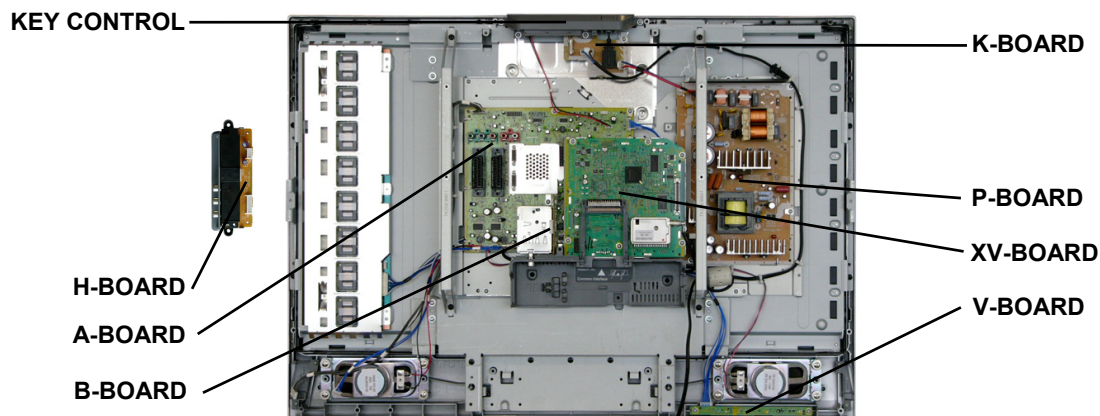


Fig.9

CHASSIS BOARD LAYOUT



Board Name	Function
A-Board	Main Board
B-Board	Tuner
H-Board	AV3 Terminal
Key Control	Key Control
K-Board	Mains Input, Power Switch
P-Board	Power Supply
V-Board	Remote Receiver, LED IR, Bats
XV-Board	IDTV Processor, D/A Converter,

SETTING INSPECTION

Voltage Confirmation

Confirm the following voltages:	
A board	
Normal mode	
TP004	33V ± 3V
TP005	12V ± 2V[15V±2V]
TP006	8V ± 0,3V
TP008	5V ± 0,2V
TP010	3,3V ± 0,1V
TP011	9,2V ± 0,3V
TP012	3,3V ± 0,1V
TP014	5V ± 0,2V
TP017	10,5V ÷ 16V
TP018	24V
TP019	24V
TP023	24V
Standby mode	
TP009	1,8V ± 0,1V
TP013	3,3V ± 0,1V
P board	
Normal mode	
TP001	12V ± 2V[15V±2V]
TP002	24V ± 2V
TP003	15V ± 1V
Standby mode	
TP002	24V
TP003	<2V

SELF-CHECK

Self-check is used to automatically check the bus lines and hexadecimal code of the TV set. To enter Self-Check mode, keep pressing the **STATUS**  button on the remote control and press the down (**-v**) button on the customer controls at the front the TV set. To exit Self Check, switch off the TV set at the power button.

			TX-32LXD60	TX-26LXD60
E2	O.K.			
DPS	O.K.			
VSP	O.K.	OPTION 1	0D	0D
AVSW	O.K.	OPTION 2	00	00
TUN	O.K.	OPTION 3	19	19
MSP	O.K.	OPTION 4	10	10
DPL	---	OPTION 5	00	00
MAS	---	OPTION 6	15	15
		OPTION 7	3C	3C
		OPTION 8	40	40
		OPTION 9	00	00
		OPTION 10	40	40
		OPTION 11	13	13
		OPTION 12	28	08
		OPTION 13	08	08
IRD SW:	OK	CHECK	4A	2A
CUST:	1.03			
BL:	1.03			
EXTLB:	0.00			

Display	Ref. No.	Description	P.C.B.
E2	IC1120	EAROM	A-Board
DPS	IC1501	DISPLAY PROCESSOR AND SCALER	A-Board
VSP	IC1501	VIDEOSIGNAL PROCESSOR	A-Board
AVSW	IC1501	AV SWITCH	A-Board
TUN	TNR001	TUNER	B-Board
MSP	IC1501	MULTISTANDART SOUND PROCESSOR	A-Board
DPL	---	DOLBY PROLOGIC PROCESSOR	---
MAS	---	MPEG1 AUDIO PROCESSOR	---

If the CCU ports have been checked and found to be incorrect or not located then " - - " will appear in place

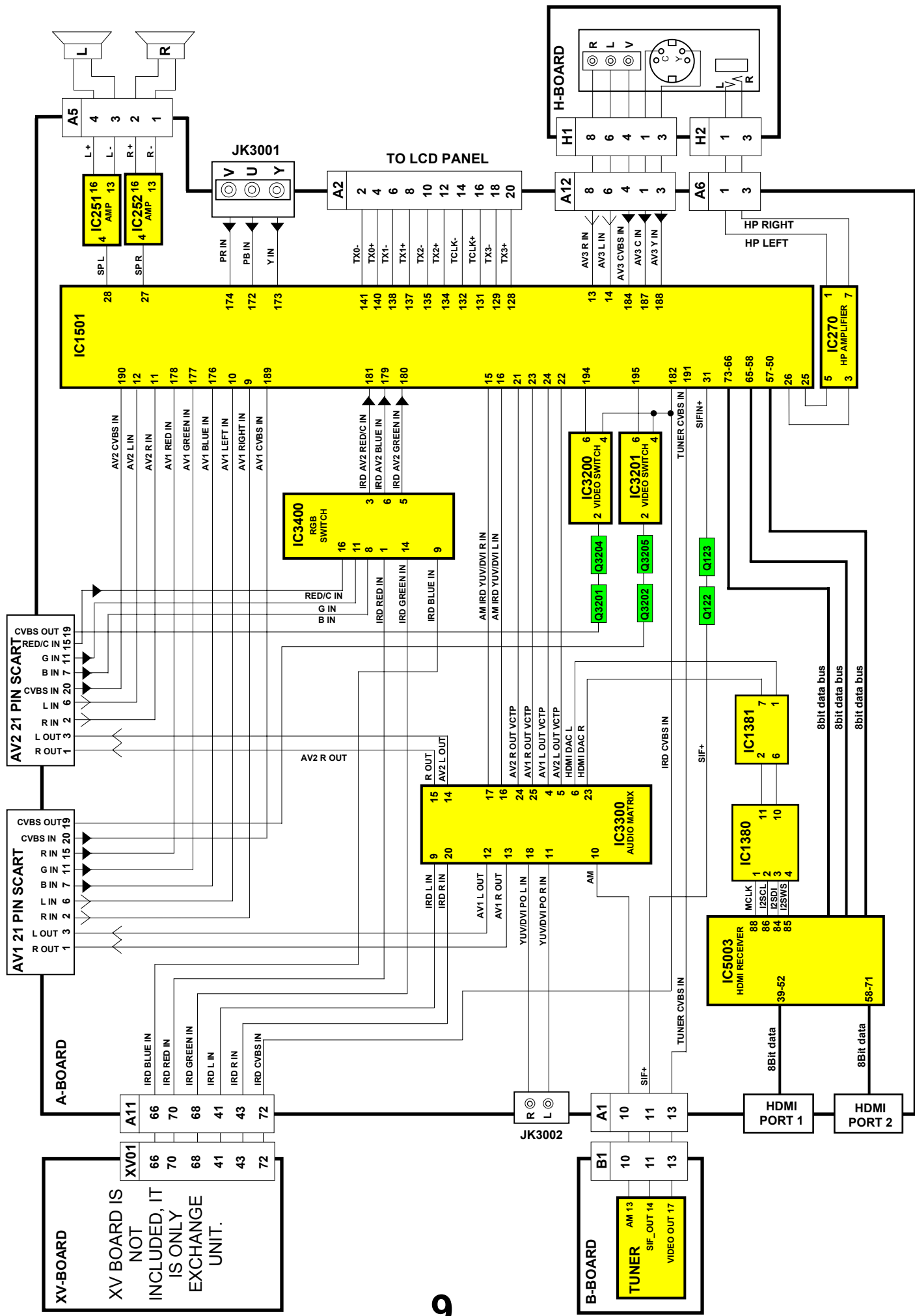
ALIGNMENT SETTINGS

(The figures below are nominal and used for representative purposes only.)

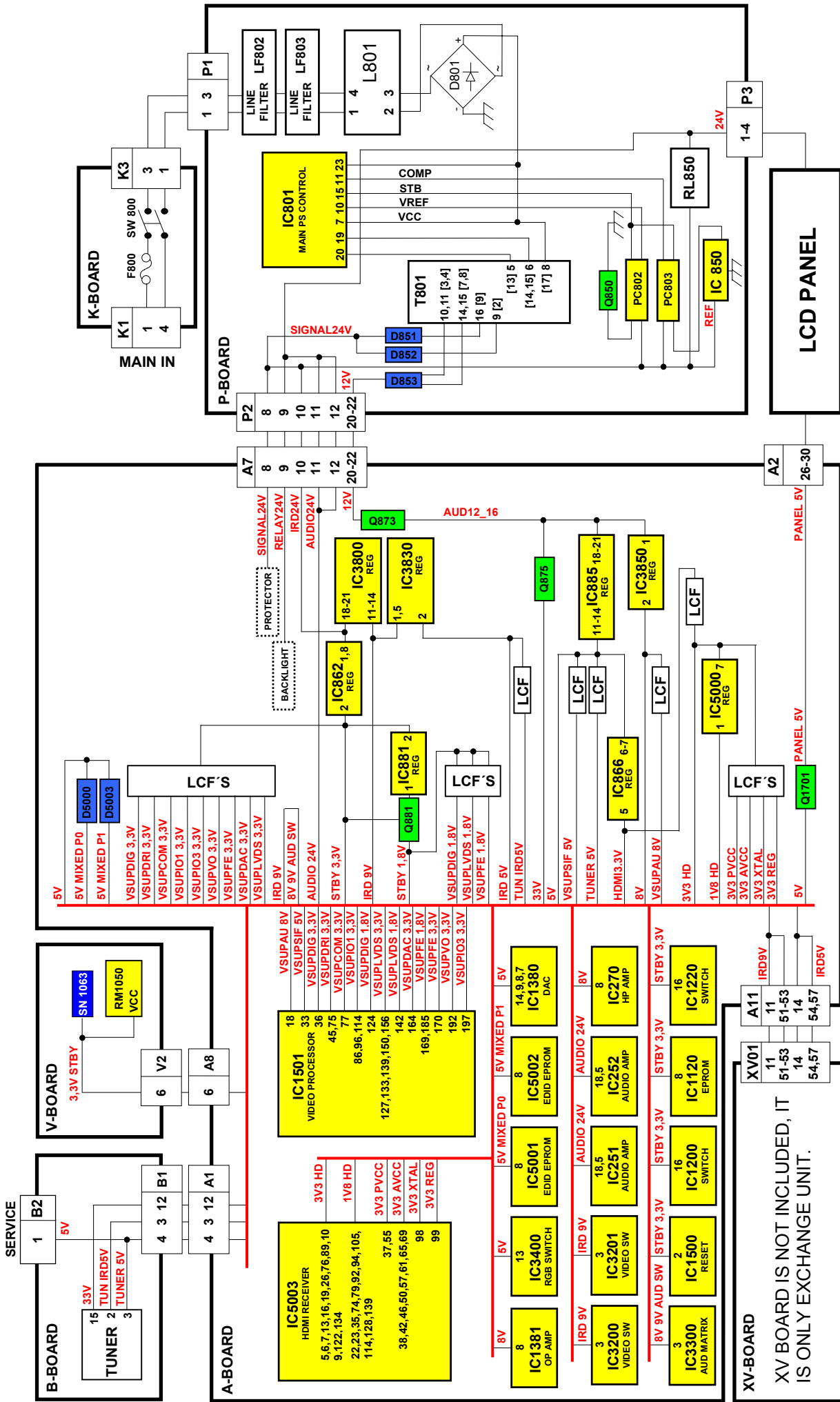
1. Set the Bass to maximum position, set the Treble to minimum position then keep pressing the **INDEX** button on the remote control and press the down button (**↓**) on the customer controls at the front of the TV, this will place the TV into the Service Mode 1.
2. Press the **RED / GREEN** buttons to step up / down through the functions.
3. Press the **YELLOW / BLUE** buttons to alter the function values.
4. Press the **OK** button after each adjustment has been made to store the required values.
5. To exit the Service Mode, press the **"N"** button.

Alignment Function	Setting indication Note: All setting values are approximate				Settings / Special features
SUBCONTRAST	SUBCONTRAST 32				Optimum setting.
DVCO	DVCO 1				Receive a PAL Colour Bar Pattern. For DVCO alignment press "Blue" button, wait until the figure colour is changed from red to black colour.
Highlight Lowlight	High Low	0418 0055	0410 0064	0425 0046	Optimum setting.
Sub-Brightness	Sub-Brightness 0				Optimum setting.

VIDEO & STEREO AUDIO BLOCK DIAGRAM

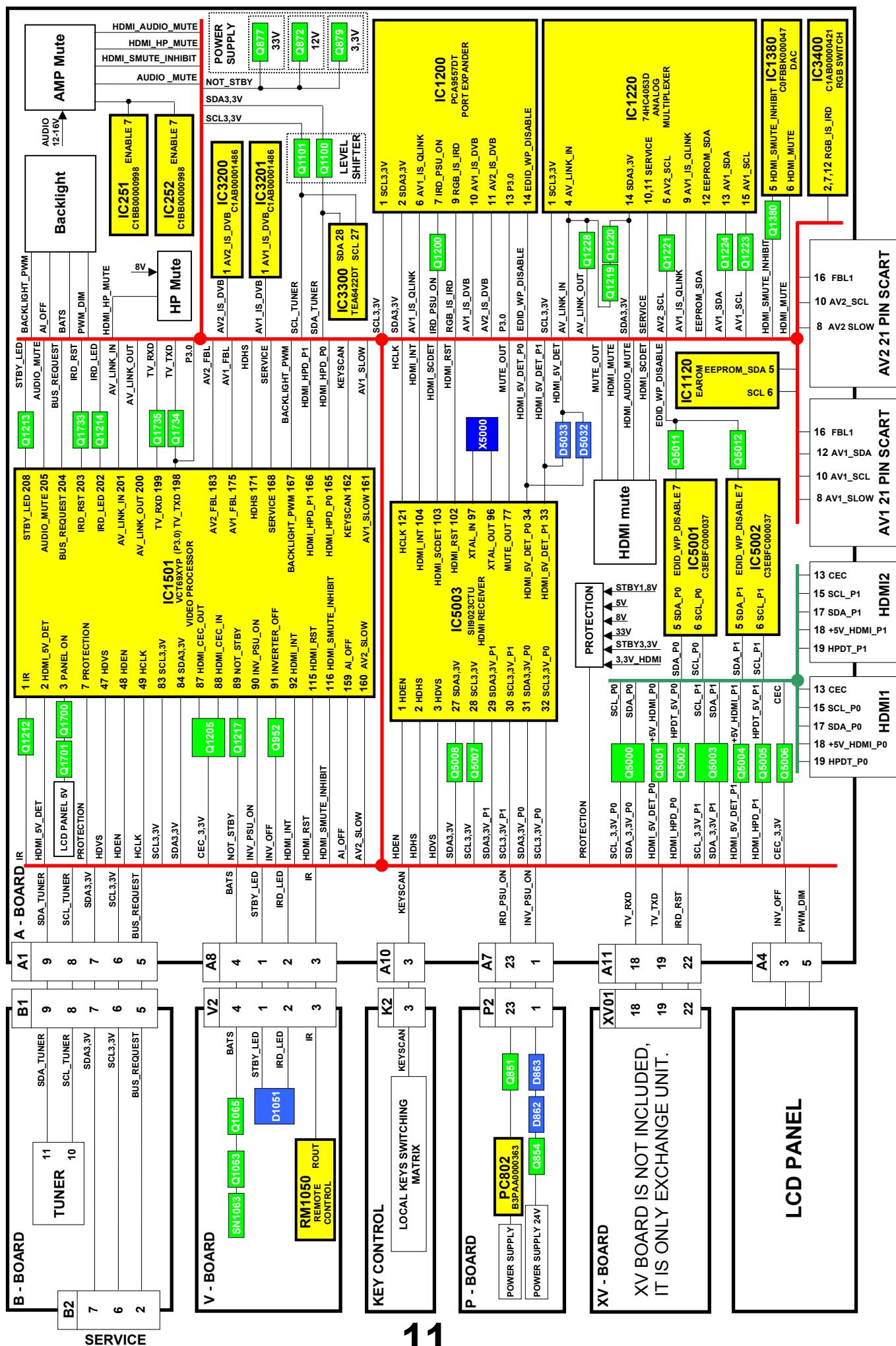


POWER SUPPLY BLOCK DIAGRAM



XV BOARD IS NOT INCLUDED, IT IS ONLY EXCHANGE UNIT.

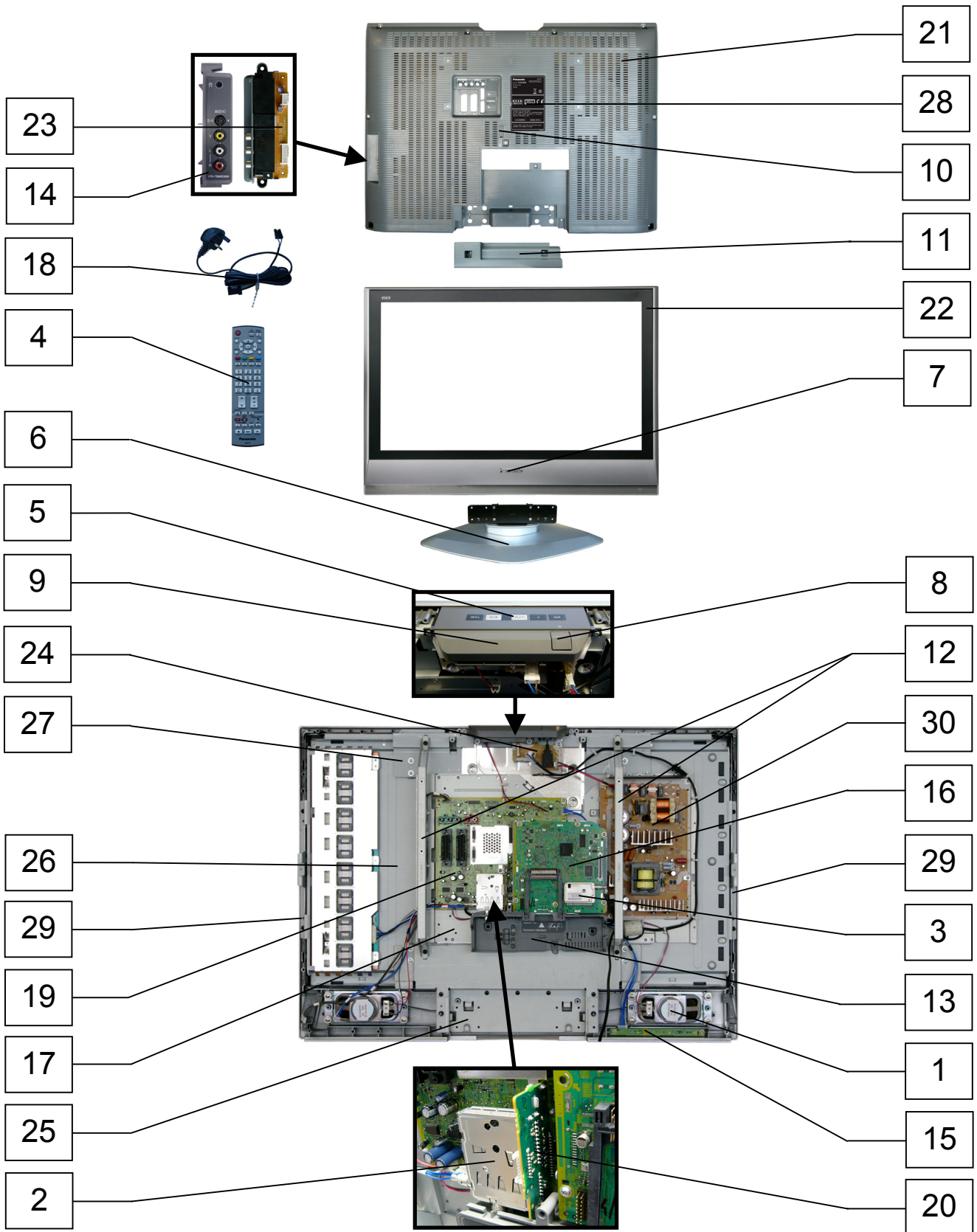
CONTROL BLOCK DIAGRAM



PARTS LOCATION

NOTE:

The numbers on the exploded view below refer to the exploded view section of the Replacement Parts List.



REPLACEMENT PARTS LIST

Important Safety Notice

Components Identified by  mark have special characteristics important for safety.
 * When replacing any of these components, use only manufacturers specified parts.
 In case of ordering these spare parts, please always add the complete Model-Type number to your order.

Cct Ref	Parts Number	Description
COMMON PARTS		
EXPLODED VIEW		
1	EAS12S11B	SPEAKER
2	ENG7308GF	TUNER1
3	ENV57M01D8F	TUNER2
4	EUR7651050A	REMOTE CONTROL
5	K0RB00500002	KEY BUTTON MODULE
6	TBLA0194	PEDESTAL ASSY
7	TBMA180	PANASONIC BADGE
8	TBX0E81700	POWER BUTTON
9	TKK0E9518	POWER BUTTON PANEL
10	TKKL5290	CONNECTOR COVER
11	TKP0E15501	HINGE COVER
12	TKZ0E9901	WALL MOUNT METAL
13	TMW0E106	TUNER COVER
14	TMW0E502	AV3 BRACKET
15	TNP8EVL40AA	V P.C.B. 
16	TNPA3740AD	XV P.C.B. 
17	TUA0E400	CHASSIS FRAME
18	TXASX01AENE	AC CORD ASSY 
MISCELLANEOUS COMPONENTS		
.	J0KF00000018	FERRITE CORE
.	R6RC/2P	BATTERY
.	TBM0E0577	CI LABEL
.	TBM0E0702	REAR AV LABEL
.	TBM0E0703	AV3 LABEL
.	TKP0E15401	LED/IR WINDOW
.	TMK0E925	WASHER
.	TPD0E0101	BOTTOM CUSHION
.	TPD0E0102	TOP CUSHION
.	TUC0E405	XV BRACKET
.	XTB4+15JFJK	SCREW
.	XTV3+8JFJK	SCREW
.	XYN3+J8FJ	SCREW
.	XYN4+F10FJ	SCREW
INSTRUCTION BOOKS		
.	TQB0E0233	ENGLISH
I.C.s		
IC251	C1BB00000998	AUDIO AMPLIFIER
IC252	C1BB00000998	AUDIO AMPLIFIER
IC270	NJM4556AD	HEADPHONE AMPLIFIER
IC801	F9222L-F219	MAIN PS CONTROL
IC802	TL431BIDBZR	REGULATOR
IC850	TL431BIDBZR	REGULATOR

Cct Ref	Parts Number	Description
IC862	C0DBAMH00018	REGULATOR
IC866	TB7100F	DC-DC CONVERTER
IC881	XC6365D105MR	1.8V REGULATOR
IC885	C0DBAJH00016	5V REGULATOR
IC1200	PCA9557DT	I/O EXPANDER
IC1220	74HC4053D	ANALOG MULTIPLEXER
IC1380	C0FBBK000047	D/A CONVERTER
IC1381	BA15218FDXE2	OP-AMPLIFIER
IC1500	C0EBE0000120	I.C. RESET
IC1501	VCT6973B2B00	VIDEO PROCESSOR
IC3200	C1AB00001486	VIDEO SWITCH
IC3201	C1AB00001486	VIDEO SWITCH
IC3300	TEA6422DT	AUDIO MATRIX
IC3400	C1AB00000421	RGB SWITCH
IC3800	C0DBAJG00006	REGULATOR
IC3830	C0DBAZG00034	5V REGULATOR
IC3850	AN78L08TA	8V REGULATOR
IC5000	C0DBFFD00003	1.8V REGULATOR
IC5001	C3EBDC000067	2KBIT EEPROM
IC5002	C3EBDC000067	2KBIT EEPROM
IC5003	C1AB00002535	HDMI RECEIVER
IC8003	STV0360CT	COFDM DEMODULATOR
IC8009	C3ABQG000095	DDR SDRAM
IC8013	MN2WS0025BEA	HDTV PROCESSOR
IC8019	E27F1/031/1D	FLASH SW LH29F640BFHE
IC8023	C0DBAMH00018	REGULATOR
IC8024	C0DBAMH00018	REGULATOR
IC8029	C0FBBK000047	D/A CONVERTER
IC8031	BA15218FDXE2	OP-AMPLIFIER
IC8034	C0DBEHG00006	2.5V REGULATOR
IC8042	C0EBM0000026	RESET IC
IC8213	C0JBAZ001137	BUS TRANSCEIVER
IC8402	74LVC4245AD	BUS TRANSCEIVER
IC8404	C0JBAZ002691	BUS TRANSCEIVER
IC8405	C0ZBZ0001333	IC SWITCH
IC8408	C0JBAZ002691	BUS TRANSCEIVER
IC8409	C0JBAZ002691	BUS TRANSCEIVER
IC8410	C0JBAZ002691	BUS TRANSCEIVER
IC8411	C0JBAZ002691	BUS TRANSCEIVER
IC8412	C0JBAZ001137	BUS TRANSCEIVER
IC8501	74VHCU04MXNL	LOGIC IC
IC8864	C0DBFFD00003	1.8V REGULATOR
PC802	B3PAA0000363	PHOTO COUPLER 
PC803	B3PAA0000363	PHOTO COUPLER 
RM1050	PNA4701M05TV	LED RECEIVER
FUSES		
F800	K5D502BNA005	FUSE 
F850	K5G2523A0003	FS LINK 
DIODES		
D250	MA22D3900L	DIODE
D254	MA22D3900L	DIODE

Cct Ref	Parts Number	Description
D255	UDZSTE-1720B	ZENER DIODE
D270	MA22D3900L	DIODE
D271	MA22D3900L	DIODE
D272	MA22D3900L	DIODE
D273	MA22D3900L	DIODE
D274	MA22D3900L	DIODE
D275	B0ACCK000005	DIODE
D801	RS606M-CCR01	DIODE
D802	B0BC022A0007	ZENER DIODE
D803	UDZSTE-1711B	DIODE
D804	UDZSTE-1720B	ZENER DIODE
D805	1N4004-F	DIODE
D806	1N4004-F	DIODE
D807	B0HAKM000011	DIODE
D808	B0HCMM000014	DIODE
D809	MAZ82700ML	DIODE
D810	MAZ82700ML	DIODE
D811	CMS16TE12LQ	DIODE
D812	B0HCMM000014	DIODE
D813	B0BA5R600016	DIODE
D814	B0ACCK000005	DIODE
D816	B0AAMV000001	DIODE
D817	B0AAMV000001	DIODE
D818	B0ACCK000005	DIODE
D819	BZX79B75A26A	DIODE
D820	BZX79B75A26A	DIODE
D824	B0ACCK000005	DIODE
D825	B0ACCK000005	DIODE
D827	MAZ22000B	DIODE
D851	YG868C10RF91	DIODE
D852	YG868C10RF91	DIODE
D853	YG868C10RF91	DIODE
D854	B0HCMM000014	DIODE
D855	B0HCMM000014	DIODE
D856	MA2160LFS	DIODE
D857	MTZJT-7712C	DIODE
D858	MTZJT-7716C	DIODE
D859	MTZJT-7716C	DIODE
D860	B0ACCK000005	DIODE
D861	B0ACCK000005	DIODE
D862	B0ACCK000005	DIODE
D863	B0ACCK000005	DIODE
D866	CMS16TE12LQ	DIODE
D870	B0HCMM000014	DIODE
D871	B0HCMM000014	DIODE
D872	B0ACCK000005	DIODE
D873	B0BC01600013	ZENER DIODE
D874	B0BC01600013	ZENER DIODE
D875	B0HCMM000014	DIODE
D876	B0HCMM000014	DIODE
D877	USF5G49TE16Q	DIODE
D878	UDZSTE176.2B	DIODE
D879	UDZSTE176.2B	DIODE
D880	UDZSTE-1713B	DIODE
D881	CMS16TE12LQ	DIODE
D885	B0HCMM000014	DIODE
D886	CMS16TE12LQ	DIODE
D887	MA22D3900L	DIODE
D889	MA22D3900L	DIODE
D892	B0ACCK000005	DIODE
D1051	SML72923CT15	LED
D1061	B0ACCK000005	DIODE
D1062	UDZSTE178.2B	DIODE
D1101	CMS16TE12LQ	DIODE
D1102	CMS16TE12LQ	DIODE
D1201	MA2J72800L	DIODE

Cct Ref	Parts Number	Description
D1220	EZJZ0V80008B	VARISTOR
D1221	EZJZ0V80008B	VARISTOR
D1222	EZJZ0V80008B	VARISTOR
D1501	B0ACCK000005	DIODE
D1502	B0ACCK000005	DIODE
D1700	B0ACCK000005	DIODE
D3800	B0HCMM000014	DIODE
D3801	UDZSTE-1713B	DIODE
D3802	B0HCMM000014	DIODE
D3817	SD83304TE12R	DIODE
D3818	MAZ23300B	DIODE
D3830	CMS16TE12LQ	DIODE
D3831	B0HCMM000014	DIODE
D3839	SD83304TE12R	DIODE
D3850	B0ACCK000005	DIODE
D3862	UDZSTE178.2B	DIODE
D3863	UDZSTE178.2B	DIODE
D3864	UDZSTE178.2B	DIODE
D3865	B0ACCK000005	DIODE
D3866	B0ACCK000005	DIODE
D3867	B0ACCK000005	DIODE
D3871	B0ACCK000005	DIODE
D5000	CMS16TE12LQ	DIODE
D5001	B0ACCK000005	DIODE
D5003	CMS16TE12LQ	DIODE
D5004	B0ACCK000005	DIODE
D5008	EZJZ0V80008B	VARISTOR
D5009	EZJZ0V80008B	VARISTOR
D5010	EZJZ0V80008B	VARISTOR
D5011	EZJZ0V80008B	VARISTOR
D5012	EZJZ0V80008B	VARISTOR
D5013	EZJZ0V80008B	VARISTOR
D5016	EZJZ0V80008B	VARISTOR
D5017	EZJZ0V80008B	VARISTOR
D5018	EZJZ0V80008B	VARISTOR
D5019	EZJZ0V80008B	VARISTOR
D5020	EZJZ0V80008B	VARISTOR
D5021	EZJZ0V80008B	VARISTOR
D5022	EZJZ0V80008B	VARISTOR
D5023	EZJZ0V80008B	VARISTOR
D5024	EZJZ0V80008B	VARISTOR
D5025	EZJZ0V80008B	VARISTOR
D5026	EZJZ0V80008B	VARISTOR
D5027	EZJZ0V80008B	VARISTOR
D5028	EZJZ0V80008B	VARISTOR
D5029	EZJZ0V80008B	VARISTOR
D5030	EZJZ0V80008B	VARISTOR
D5031	EZJZ0V80008B	VARISTOR
D5032	B0ACCK000005	DIODE
D5033	B0ACCK000005	DIODE
D5034	B0ACCK000005	DIODE
D5035	B0ACCK000005	DIODE
D5036	B0ACCK000005	DIODE
D5037	B0ACCK000005	DIODE
D5038	B0ACCK000005	DIODE
D8203	B0JCPE000004	DIODE
D8204	B0JCPE000004	DIODE
D8501	HVU359TRF	DIODE
R301	1N4148WS	DIODE
SN1063	B3L000000020	PHOTO COUPLER
TRANSISTORS		
Q122	BC847B	TRANSISTOR
Q123	BC847B	TRANSISTOR
Q250	BC847B	TRANSISTOR
Q251	BC857B	TRANSISTOR
Q254	BC847B	TRANSISTOR

Cct Ref	Parts Number	Description
Q270	BC857B	TRANSISTOR
Q271	BC857B	TRANSISTOR
Q272	BC857B	TRANSISTOR
Q273	BC847B	TRANSISTOR
Q274	BC847B	TRANSISTOR
Q275	BC847B	TRANSISTOR
Q276	BC847B	TRANSISTOR
Q277	BC847B	TRANSISTOR
Q801	BC847B	TRANSISTOR
Q802	2SK2009TE81L	TRANSISTOR
Q803	2SK2231Q	TRANSISTOR
Q804	BC847B	TRANSISTOR
Q805	2SK3767L103Q	TRANSISTOR
Q806	BC847B	TRANSISTOR
Q807	2SB0710ARL	TRANSISTOR
Q808	BC857B	TRANSISTOR
Q822	XN0140100L	TRANSISTOR
Q851	UNR221500L	TRANSISTOR
Q852	B1ABPF000010	TRANSISTOR
Q853	BC857B	TRANSISTOR
Q854	BC847B	TRANSISTOR
Q855	BC847B	TRANSISTOR
Q865	2SD10300SL	TRANSISTOR
Q872	UNR221500L	TRANSISTOR
Q873	B1DHED000013	TRANSISTOR
Q875	B1ABPF000010	TRANSISTOR
Q876	BC847B	TRANSISTOR
Q877	UNR221500L	TRANSISTOR
Q878	B1DHDC000028	TRANSISTOR
Q879	UNR221500L	TRANSISTOR
Q881	XP162A12A6PR	TRANSISTOR
Q882	2SD10300SL	TRANSISTOR
Q952	UNR221500L	TRANSISTOR
Q1063	BC847B	TRANSISTOR
Q1064	BC857B	TRANSISTOR
Q1065	BC857B	TRANSISTOR
Q1100	2N7002	TRANSISTOR
Q1101	2N7002	TRANSISTOR
Q1200	BC847B	TRANSISTOR
Q1207	2SC584500L	TRANSISTOR
Q1208	2SC584500L	TRANSISTOR
Q1209	2SC584500L	TRANSISTOR
Q1212	BC847B	TRANSISTOR
Q1213	BC847B	TRANSISTOR
Q1214	BC847B	TRANSISTOR
Q1215	BC847B	TRANSISTOR
Q1217	UNR221500L	TRANSISTOR
Q1219	NDC7002N-NL	TRANSISTOR
Q1222	B1MBACA00008	TRANSISTOR
Q1223	B1MBACA00008	TRANSISTOR
Q1229	BC847B	TRANSISTOR
Q1230	BC847B	TRANSISTOR
Q1231	BC847B	TRANSISTOR
Q1232	BC847B	TRANSISTOR
Q1380	BC847B	TRANSISTOR
Q1700	UNR221500L	TRANSISTOR
Q1701	B1DHED000013	TRANSISTOR
Q1721	2N7002	TRANSISTOR
Q1733	UNR221500L	TRANSISTOR
Q1734	2N7002	TRANSISTOR
Q1735	2N7002	TRANSISTOR
Q3201	BC857B	TRANSISTOR
Q3202	BC857B	TRANSISTOR
Q3204	BC847B	TRANSISTOR
Q3205	BC847B	TRANSISTOR
Q3800	BC847B	TRANSISTOR

Cct Ref	Parts Number	Description
Q3860	BC847B	TRANSISTOR
Q3861	BC857B	TRANSISTOR
Q3862	BC847B	TRANSISTOR
Q5000	B1MBACA00008	TRANSISTOR
Q5001	2SK2009TE81L	TRANSISTOR
Q5002	2N7002	TRANSISTOR
Q5003	B1MBACA00008	TRANSISTOR
Q5004	2SK2009TE81L	TRANSISTOR
Q5005	2N7002	TRANSISTOR
Q5007	2N7002	TRANSISTOR
Q5008	2N7002	TRANSISTOR
Q5009	2SC584500L	TRANSISTOR
Q5010	2SC584500L	TRANSISTOR
Q5011	2SC584500L	TRANSISTOR
Q5012	2SC584500L	TRANSISTOR
Q8101	2SA207700L	TRANSISTOR
Q8102	2SA207700L	TRANSISTOR
Q8103	2SA207700L	TRANSISTOR
Q8104	2SA207700L	TRANSISTOR
Q8401	2SD601ATX	TRANSISTOR
Q8402	2SD601ATX	TRANSISTOR
COILS		
L100	EXCELSA35T	COIL
L101	ELJFC2R2KFB	COIL
L102	ELJFC2R2KFB	COIL
L103	TALV35VB100K	COIL
L104	TALV35VB100K	COIL
L121	G0C6R8JA0021	COIL TALV35VB6R8J
L122	TALV35VB100K	COIL
L123	TALV35VB100K	COIL
L201	G1C470MA0188	COIL
L202	G1C470MA0188	COIL
L801	G0A553G00001	PFC COIL
L803	EXCELSA35V	COIL
L804	EXCELD35V	COIL
L805	EXCELD35V	COIL
L806	EXCELD35V	COIL
L807	EXCELD35V	COIL
L865	ELLATV470M	COIL
L867	ELL6SH4R7ME	COIL
L881	ELL6SH100ME	COIL
L885	ELLATV6R8N	COIL
L886	J0JJC0000015	COIL
L887	J0JJC0000015	COIL
L1100	ELJFC2R2KFB	COIL
L1101	ELJFC2R2KFB	COIL
L1380	J0JHC0000045	COIL BLM18PG121SN1D
L1381	ELJPA1R0MF	COIL
L1500	TALV35VB100K	COIL
L1501	G0A100GA0013	COIL TALL08T100KA
L1502	TALV35VB100K	COIL
L1503	TALV35VB100K	COIL
L1504	TALV35VB100K	COIL
L1505	TALV35VB100K	COIL
L1506	TALV35VB100K	COIL
L1507	TALV35VB100K	COIL
L1509	TALV35VB100K	COIL
L1514	TALV35VB100K	COIL
L1515	TALV35VB100K	COIL
L1518	J0JHC0000078	COIL
L1519	J0JHC0000078	COIL
L1520	J0JHC0000078	COIL
L2352	G0C331JA0064	COIL
L3021	ELJFCR68KFB	COIL
L3022	ELJFCR68KFB	COIL
L3023	ELJFCR68KFB	COIL

Cct Ref	Parts Number	Description
L3024	ELJFCR68KFB	COIL
L3025	ELJFCR68KFB	COIL
L3026	ELJFCR68KFB	COIL
L3600	ELJFA6R8KFB	COIL
L3601	ELJFA6R8KFB	COIL
L3800	ELLATV820M	COIL
L3801	J0JJC0000015	COIL
L3802	J0JJC0000015	COIL
L3830	ELLATV470M	COIL
L5000	J0JHC0000045	COIL BLM18PG121SN1D
L5001	J0JHC0000045	COIL BLM18PG121SN1D
L5002	J0JHC0000045	COIL BLM18PG121SN1D
L5003	J0JHC0000034	COIL
L5004	J0JHC0000034	COIL
L5005	J0JHC0000034	COIL
L5006	J0JHC0000034	COIL
L5007	J0JHC0000045	COIL BLM18PG121SN1D
L5008	J0JHC0000045	COIL BLM18PG121SN1D
L5010	J0JHC0000045	COIL BLM18PG121SN1D
L5012	J0JHC0000045	COIL BLM18PG121SN1D
L5013	J0JCC0000166	COIL
L8004	J0JHC0000045	COIL BLM18PG121SN1D
L8008	J0JHC0000045	COIL BLM18PG121SN1D
L8026	J0JHC0000035	COIL BLM21PG331SN1D
L8031	J0JHC0000045	COIL BLM18PG121SN1D
L8032	J0JHC0000045	COIL BLM18PG121SN1D
L8033	J0JHC0000045	COIL BLM18PG121SN1D
L8038	J0JHC0000045	COIL BLM18PG121SN1D
L8042	J0JHC0000045	COIL BLM18PG121SN1D
L8046	ELJPA1R0MF	COIL
L8047	G1C680MA0173	COIL
L8048	G1C330MA0173	COIL
L8049	J0JHC0000045	COIL BLM18PG121SN1D
L8051	J0JHC0000075	COIL BLM21PG600SN1D
L8055	G1C100MA0077	COIL
L8059	J0JHC0000045	COIL BLM18PG121SN1D
L8106	ELJFA2R7JF	S.M.T.COIL
L8145	J0JHC0000045	COIL BLM18PG121SN1D
L8501	ELJNA2R7JFB	COIL
FILTERS		
LF802	G0B103H00002	LINE FILTER
LF803	G0B103H00002	LINE FILTER
CRYSTALS		
X1500	AI202504E	CRYSTAL
X5000	H0J283500018	CRYSTAL
X8003	H0J241500003	CRYSTAL
X8006	H0J270500090	CRYSTAL
RESISTORS		
C8183	ERJ2GE0R00X	SMD .063W - 0 Ω
C8184	ERJ2GE0R00X	SMD .063W - 0 Ω
C8185	ERJ2GE0R00X	SMD .063W - 0 Ω
R101	ERJ6GEYJ101	S.M.CARB 0.1W 5% 100 Ω
R104	ERJ6GEYJ101	S.M.CARB 0.1W 5% 100 Ω
R105	ERJ6GEYJ101	S.M.CARB 0.1W 5% 100 Ω
R106	ERJ6GEYJ101	S.M.CARB 0.1W 5% 100 Ω
R121	ERJ3GEY0R00	SMD 0.1W - 0 Ω
R123	ERJ3GEY0R00	SMD 0.1W - 0 Ω
R124	ERJ6GEYJ223	S.M.CARB 0.1W 5% 22K Ω
R125	ERJ3GEYJ103	SMD 0.1W 5% 10K Ω
R126	ERJ3GEYJ272	SMD 0.1W 5% 2K7 Ω
R129	ERJ3GEY0R00	SMD 0.1W - 0 Ω
R130	ERJ3GEYJ332	SMD 0.1W 5% 3K3 Ω
R131	ERJ3GEYJ681V	SMD 0.1W 5% 680 Ω
R132	ERJ3GEYJ101	SMD 0.1W 5% 100 Ω
R133	ERJ3GEYJ102	SMD 0.1W 5% 1K Ω

Cct Ref	Parts Number	Description
R134	ERJ6GEYJ510	SMD .125W 5% 51 Ω
R135	ERJ3GEYJ471	SMD 0.1W 5% 470 Ω
R200	ERJ6GEY0R00	S.M.CARB 0.1W - 0 Ω
R201	ERJ3GEYJ222	SMD 0.1W 5% 2K2 Ω
R202	ERJ3GEYJ473V	S.M.CARB 0.1W 5% 47K Ω
R203	ERJ3GEYJ105	SMD 0.1W 5% 1M Ω
R204	ERJ3GEYJ102	SMD 0.1W 5% 1K Ω
R205	ERJ3GEYJ392V	S.M.CARB 0.1W 5% 3K9 Ω
R206	ERJ6GEY0R00	S.M.CARB 0.1W - 0 Ω
R207	ERJ3GEYJ102	SMD 0.1W 5% 1K Ω
R208	ERJ3GEYJ101	SMD 0.1W 5% 100 Ω
R209	ERJ3GEYJ222	SMD 0.1W 5% 2K2 Ω
R210	ERJ6GEYJ100	S.M.CARB 0.1W 5% 10 Ω
R211	ERJ8GEYJ153	SMD 0.25W 5% 15K Ω
R213	ERJ6GEYJ223	S.M.CARB 0.1W 5% 22K Ω
R214	ERJ6GEYJ103	S.M.CARB 0.1W 5% 10K Ω
R215	ERJ3GEYJ222	SMD 0.1W 5% 2K2 Ω
R216	ERJ3GEYJ473V	S.M.CARB 0.1W 5% 47K Ω
R217	ERJ3GEYJ105	SMD 0.1W 5% 1M Ω
R218	ERJ3GEYJ102	SMD 0.1W 5% 1K Ω
R219	ERJ3GEYJ392V	S.M.CARB 0.1W 5% 3K9 Ω
R220	ERJ6GEY0R00	S.M.CARB 0.1W - 0 Ω
R221	ERJ3GEYJ102	SMD 0.1W 5% 1K Ω
R222	ERJ3GEYJ101	SMD 0.1W 5% 100 Ω
R223	ERJ3GEYJ222	SMD 0.1W 5% 2K2 Ω
R224	ERJ6GEYJ100	S.M.CARB 0.1W 5% 10 Ω
R225	ERJ8GEYJ153	SMD 0.25W 5% 15K Ω
R228	ERJ6GEYJ473	S.M.CARB 0.1W 5% 47K Ω
R229	ERJ6GEYJ473	S.M.CARB 0.1W 5% 47K Ω
R241	ERJ6GEY0R00	S.M.CARB 0.1W - 0 Ω
R242	ERJ6GEY0R00	S.M.CARB 0.1W - 0 Ω
R243	ERJ6GEY0R00	S.M.CARB 0.1W - 0 Ω
R244	ERJ6GEY0R00	S.M.CARB 0.1W - 0 Ω
R250	ERJ3GEYJ103	SMD 0.1W 5% 10K Ω
R251	ERJ3GEYJ103	SMD 0.1W 5% 10K Ω
R253	ERJ3GEYJ103	SMD 0.1W 5% 10K Ω
R254	ERJ3GEYJ473V	S.M.CARB 0.1W 5% 47K Ω
R256	ERJ3GEY0R00V	S.M.CARB 0.1W - 0 Ω
R259	ERJ3GEYJ562	SMD 0.1W 5% 5K6 Ω
R261	ERJ3GEY0R00	SMD 0.1W - 0 Ω
R264	ERJ3GEYJ102	SMD 0.1W 5% 1K Ω
R265	ERJ3GEYJ471	SMD 0.1W 5% 470 Ω
R266	ERJ3GEYJ471	SMD 0.1W 5% 470 Ω
R267	ERJ3GEYJ104V	S.M.CARB 0.1W 5% 100K Ω
R268	ERJ3GEYJ104V	S.M.CARB 0.1W 5% 100K Ω
R272	ERJ3GEYJ102	SMD 0.1W 5% 1K Ω
R273	ERJ3GEYJ102	SMD 0.1W 5% 1K Ω
R274	ERJ3GEYJ562	SMD 0.1W 5% 5K6 Ω
R275	ERJ6GEYJ681	S.M.CARB 0.1W 5% 680 Ω
R276	ERJ6GEYJ681	S.M.CARB 0.1W 5% 680 Ω
R277	ERJ3GEYJ102	SMD 0.1W 5% 1K Ω
R278	ERJ3GEYJ332	SMD 0.1W 5% 3K3 Ω
R279	ERJ3GEYJ332	SMD 0.1W 5% 3K3 Ω
R280	ERJ3GEYJ104V	S.M.CARB 0.1W 5% 100K Ω
R281	ERJ3GEYJ104V	S.M.CARB 0.1W 5% 100K Ω
R282	ERJ6RBD103V	SMD 0.1W 0.5 10K Ω
R283	ERJ6RBD103V	SMD 0.1W 0.5 10K Ω
R284	ERJ6GEYJ473	S.M.CARB 0.1W 5% 47K Ω
R285	ERJ6RBD103V	SMD 0.1W 0.5 10K Ω
R286	ERJ6GEYJ473	S.M.CARB 0.1W 5% 47K Ω
R287	ERJ6GEYJ473	S.M.CARB 0.1W 5% 47K Ω
R288	ERJ6RBD103V	SMD 0.1W 0.5 10K Ω
R289	ERJ6GEYJ473	S.M.CARB 0.1W 5% 47K Ω
R290	ERJ6GEYJ472	S.M.CARB 0.1W 5% 4K7 Ω
R291	ERJ3GEYJ103	SMD 0.1W 5% 10K Ω
R292	ERJ3GEYJ102	SMD 0.1W 5% 1K Ω

Cct Ref	Parts Number	Description			
R295	ERJ3GEYJ222	SMD	0.1W	5%	2K2 Ω
R299	ERJ3GEYJ104V	S.M.CARB	0.1W	5%	100K Ω
R809	ERJ6GEY0R00	S.M.CARB	0.1W	-	0 Ω
R810	ERC12ZGK105C	SOLID	0.5W	10%	1M Ω
R811	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R812	ERDS1FJ824T	CARBON	0.5W	5%	820K Ω
R813	ERJ6RED244V	SMD	0.1W	0.5	240K Ω
R814	ERJ6RBD473	SMD	0.1W	0.5	47K Ω
R815	ERJ6GEYJ133V	SMD	.125W	5%	13K Ω
R816	ERDS1FJ824T	CARBON	0.5W	5%	820K Ω
R817	ERDS2TJ824T	CARBON	0.25W	5%	820K Ω
R818	ERDS2TJ824T	CARBON	0.25W	5%	820K Ω
R819	ERDS2TJ824T	CARBON	0.25W	5%	820K Ω
R820	ERG3FJ683H	METAL	3W	5%	68K Ω
R823	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100K Ω
R824	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47K Ω
R825	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47K Ω
R826	ERJ6GEYJ154	S.M.CARB	0.1W	5%	150K Ω
R828	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R829	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K Ω
R830	ERX1SJ2R2P	METAL	1W	5%	2R2 Ω
R831	ERDS1TJ105T	CARBON	0.5W	5%	1M Ω
R832	ERG1SJ330P	METAL	1W	5%	33 Ω
R833	ERG1SJ271	METAL	1W	5%	270 Ω
R834	ERJ8GEYJ332V	SMD	0.25W	5%	3K3 Ω
R835	ERJ6GEYJ333	S.M.CARB	0.1W	5%	33K Ω
R836	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K Ω
R837	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R838	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100K Ω
R839	D0XB106J0003	LEADED	1W	5%	10M Ω
R840	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100K Ω
R841	ERJ6GEYJ272	S.M.CARB	0.1W	5%	2K7 Ω
R842	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7 Ω
R843	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47K Ω
R844	ERJ6GEYJ154	S.M.CARB	0.1W	5%	150K Ω
R845	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47K Ω
R846	ERJ6GEYJ561	S.M.CARB	0.1W	5%	560 Ω
R847	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47K Ω
R852	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R853	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2 Ω
R854	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R855	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R856	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R857	ERJ6RBD303	SMD	0.1W	0.5	30K Ω
R858	ERJ6RBD822	SMD	0.1W	0.5	8K2 Ω
R859	ERJ6RBD432	SMD	0.1W	0.5	4K3 Ω
R860	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R861	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100K Ω
R862	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K Ω
R864	ERJ3GEYJ472V	S.M.CARB	0.1W	5%	4K7 Ω
R866	ERJ6ENF1203V	SMD	.125W	1%	120K Ω
R867	ERJ6RBD103V	SMD	0.1W	0.5	10K Ω
R868	ERJ6ENF2202V	SMD	.125W	1%	22K Ω
R869	ERJ6GEYJ274	S.M.CARB	0.1W	5%	270K Ω
R870	ERJ6ENF2372V	SMD	.125W	1%	23K7 Ω
R871	ERJ3GEYJ101	SMD	0.1W	5%	100 Ω
R872	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7 Ω
R873	ERJ3GEYJ272	SMD	0.1W	5%	2K7 Ω
R874	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47K Ω
R875	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100K Ω
R876	ERJ6GEYJ153	S.M.CARB	0.1W	5%	15K Ω
R877	ERJ6GEYJ220	S.M.CARB	0.1W	5%	22 Ω
R878	ERJ6GEYJ331	S.M.CARB	0.1W	5%	330 Ω
R879	ERJ6GEYJ220	S.M.CARB	0.1W	5%	22 Ω
R880	ERJ6GEYJ220	S.M.CARB	0.1W	5%	22 Ω
R881	ERJ6GEYJ334	S.M.CARB	0.1W	5%	330K Ω

Cct Ref	Parts Number	Description			
R882	ERJ6RED244V	SMD	0.1W	0.5	240K Ω
R883	ERJ6RED274	SMD	0.1W	0.5	270K Ω
R885	ERJ6GEYJ105	S.M.CARB	0.1W	5%	1M Ω
R886	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100K Ω
R888	ERJ6ENF5102V	SMD	.125W	1%	51K Ω
R889	ERJ6GEYJ430	SMD	.125W	5%	43 Ω
R890	ERJ12RSJR10U	SMD	0.5W	5%	R1 Ω
R891	ERJ12RSJR10U	SMD	0.5W	5%	R1 Ω
R892	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R893	ERJ6ENF5600	SMD	.125W	1%	560 Ω
R894	ERJ6ENF1801	SMD	.125W	1%	1K8 Ω
R895	ERJ6ENF2201	S.M.CARB	0.1W	1%	2K2 Ω
R896	ERJ6ENF6202V	SMD	.125W	1%	62K Ω
R897	ERJ6GEYJ242	S.M.CARB	0.1W	5%	2K4 Ω
R898	ERJ6ENF7502V	SMD	.125W	1%	75K Ω
R899	ERJ6ENF2402V	SMD	.125W	1%	24K Ω
R900	ERJ6GEYJ753	S.M.CARB	0.1W	5%	75K Ω
R902	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R904	ERJ3GEY0R00	SMD	0.1W	-	0 Ω
R950	ERJ3GEY0R00	SMD	0.1W	-	0 Ω
R959	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1055	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1063	ERJ6GEYJ754	S.M.CARB	0.1W	5%	750K Ω
R1064	ERJ6GEY0R00	S.M.CARB	0.1W	-	0 Ω
R1065	ERJ6GEYJ274	S.M.CARB	0.1W	5%	270K Ω
R1066	ERJ6GEYJ124	S.M.CARB	0.1W	5%	120K Ω
R1102	ERJ3GEYJ101	SMD	0.1W	5%	100 Ω
R1103	ERJ3GEYJ472	SMD	0.1W	5%	4K7 Ω
R1104	ERJ3GEYJ101	SMD	0.1W	5%	100 Ω
R1105	ERJ3GEYJ472	SMD	0.1W	5%	4K7 Ω
R1106	ERJ3GEYJ822	SMD	0.1W	5%	8K2 Ω
R1107	ERJ3GEYJ822	SMD	0.1W	5%	8K2 Ω
R1110	ERJ3GEY0R00	SMD	0.1W	-	0 Ω
R1111	ERJ3GEY0R00	SMD	0.1W	-	0 Ω
R1112	ERJ3GEY0R00	SMD	0.1W	-	0 Ω
R1120	ERJ3GEY0R00	SMD	0.1W	-	0 Ω
R1121	ERJ3GEYJ101	SMD	0.1W	5%	100 Ω
R1122	ERJ3GEY0R00	SMD	0.1W	-	0 Ω
R1123	ERJ3GEYJ104V	S.M.CARB	0.1W	5%	100K Ω
R1124	ERJ3GEYJ104V	S.M.CARB	0.1W	5%	100K Ω
R1125	ERJ3GEY0R00	SMD	0.1W	-	0 Ω
R1126	ERJ3GEY0R00	SMD	0.1W	-	0 Ω
R1142	ERJ3GEYJ472	SMD	0.1W	5%	4K7 Ω
R1143	ERJ3GEYJ101	SMD	0.1W	5%	100 Ω
R1201	EXB2HV101JV	SMD	.063W	5%	100 Ω
R1202	ERJ3GEY0R00	SMD	0.1W	-	0 Ω
R1215	ERJ3GEYJ472	SMD	0.1W	5%	4K7 Ω
R1216	ERJ3GEY0R00	SMD	0.1W	-	0 Ω
R1217	ERJ3GEY0R00	SMD	0.1W	-	0 Ω
R1218	ERJ3GEYJ102	SMD	0.1W	5%	1K Ω
R1220	ERJ3GEYJ473V	S.M.CARB	0.1W	5%	47K Ω
R1221	ERJ3GEYJ821	SMD	0.1W	5%	820 Ω
R1222	ERJ3GEYJ821	SMD	0.1W	5%	820 Ω
R1223	ERJ3GEYJ472	SMD	0.1W	5%	4K7 Ω
R1224	ERJ3GEYJ103	SMD	0.1W	5%	10K Ω
R1225	ERJ3GEYJ102	SMD	0.1W	5%	1K Ω
R1228	ERJ3GEY0R00	SMD	0.1W	-	0 Ω
R1229	ERJ3GEYJ104V	S.M.CARB	0.1W	5%	100K Ω
R1233	ERJ3GEYJ473V	S.M.CARB	0.1W	5%	47K Ω
R1234	ERJ3GEYJ472	SMD	0.1W	5%	4K7 Ω
R1235	ERJ3GEYJ273	SMD	0.1W	5%	27K Ω
R1236	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7 Ω
R1237	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7 Ω
R1238	ERJ3GEYJ224V	S.M.CARB	0.1W	5%	220K Ω
R1239	ERJ3GEYJ104V	S.M.CARB	0.1W	5%	100K Ω
R1240	ERJ3GEYJ101	SMD	0.1W	5%	100 Ω

Cct Ref	Parts Number	Description			
R1241	ERJ3GEYJ101	SMD	0.1W	5%	100 Ω
R1242	ERJ3GEYJ103	SMD	0.1W	5%	10K Ω
R1249	ERJ3GEYJ225	SMD	0.1W	5%	2M2 Ω
R1250	ERJ3GEYJ472	SMD	0.1W	5%	4K7 Ω
R1251	ERJ3GEYJ472	SMD	0.1W	5%	4K7 Ω
R1252	ERJ3GEYJ472	SMD	0.1W	5%	4K7 Ω
R1255	ERJ3GEY0R00	SMD	0.1W	-	0 Ω
R1256	ERJ3GEYJ104V	S.M.CARB	0.1W	5%	100K Ω
R1257	ERJ3GEYJ223V	S.M.CARB	0.1W	5%	22K Ω
R1258	ERJ3GEYJ221	SMD	0.1W	5%	220 Ω
R1262	ERJ3GEY0R00	SMD	0.1W	-	0 Ω
R1263	ERJ3GEYJ472	SMD	0.1W	5%	4K7 Ω
R1264	ERJ3GEYJ473V	S.M.CARB	0.1W	5%	47K Ω
R1265	ERJ3GEYJ475V	SMD	0.1W	5%	4M7 Ω
R1266	ERJ3GEYJ224V	S.M.CARB	0.1W	5%	220K Ω
R1267	ERJ3GEYJ474V	S.M.CARB	0.1W	5%	470K Ω
R1268	ERJ3EKF2402V	SMD	0.1W	1%	24K Ω
R1269	ERJ3GEYJ104V	S.M.CARB	0.1W	5%	100K Ω
R1270	ERJ3GEYJ221	SMD	0.1W	5%	220 Ω
R1271	ERJ3GEYJ223V	S.M.CARB	0.1W	5%	22K Ω
R1291	ERJ3GEYJ472	SMD	0.1W	5%	4K7 Ω
R1293	ERJ3GEYJ103	SMD	0.1W	5%	10K Ω
R1300	ERJ3GEYJ472	SMD	0.1W	5%	4K7 Ω
R1377	ERJ2GEJ330X	SMD	.063W	5%	33 Ω
R1378	ERJ2GEJ330X	SMD	.063W	5%	33 Ω
R1379	ERJ2GEJ330X	SMD	.063W	5%	33 Ω
R1380	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1381	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1382	ERJ2GE0R00X	SMD	.063W	-	0 Ω
R1383	ERJ2GEJ473X	SMD	.063W	5%	47K Ω
R1384	ERJ2GEJ473X	SMD	.063W	5%	47K Ω
R1385	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R1386	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R1387	ERJ3GEYJ203V	SMD	0.1W	5%	20K Ω
R1388	ERJ3GEYJ333V	SMD	0.1W	5%	33K Ω
R1389	ERJ3GEYJ203V	SMD	0.1W	5%	20K Ω
R1390	ERJ3GEYJ223V	S.M.CARB	0.1W	5%	22K Ω
R1391	ERJ3GEYJ333V	SMD	0.1W	5%	33K Ω
R1392	ERJ3GEYJ223V	S.M.CARB	0.1W	5%	22K Ω
R1393	ERJ2GEJ102X	RESISTOR	.063W	5%	1K Ω
R1395	ERJ2GEJ102X	RESISTOR	.063W	5%	1K Ω
R1397	ERJ2GEJ101X	SMD	.063W	5%	100 Ω
R1398	ERJ2GEJ101X	SMD	.063W	5%	100 Ω
R1500	ERJ3GEYJ101	SMD	0.1W	5%	100 Ω
R1501	ERJ8GEYJ750	SMD	0.25W	5%	75 Ω
R1502	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75 Ω
R1503	ERJ3GEYJ101	SMD	0.1W	5%	100 Ω
R1504	ERJ3GEYJ101	SMD	0.1W	5%	100 Ω
R1505	ERJ3GEYJ123	SMD	0.1W	5%	12K Ω
R1506	ERJ3GEYJ123	SMD	0.1W	5%	12K Ω
R1507	ERJ8GEYJ750	SMD	0.25W	5%	75 Ω
R1509	ERJ3GEYJ750	SMD	0.1W	5%	75 Ω
R1510	ERJ3GEYJ750	SMD	0.1W	5%	75 Ω
R1511	ERJ3GEYJ222	SMD	0.1W	5%	2K2 Ω
R1512	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75 Ω
R1513	ERJ3GEYJ302V	SMD	0.1W	5%	3K Ω
R1514	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75 Ω
R1515	ERJ3GEYJ302V	SMD	0.1W	5%	3K Ω
R1516	ERJ3GEYJ101	SMD	0.1W	5%	100 Ω
R1517	ERJ3GEYJ101	SMD	0.1W	5%	100 Ω
R1518	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75 Ω
R1521	EXB2HV101JV	SMD	.063W	5%	100 Ω
R1522	ERJ6GEY0R00	S.M.CARB	0.1W	-	0 Ω
R1523	ERJ6GEY0R00	S.M.CARB	0.1W	-	0 Ω
R1526	ERJ3GEYJ750	SMD	0.1W	5%	75 Ω
R1527	ERJ3GEYJ750	SMD	0.1W	5%	75 Ω

Cct Ref	Parts Number	Description			
R1528	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75 Ω
R1529	ERJ3GEYJ101	SMD	0.1W	5%	100 Ω
R1530	ERJ3GEYJ273	SMD	0.1W	5%	27K Ω
R1531	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75 Ω
R1532	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75 Ω
R1533	ERJ3GEYJ101	SMD	0.1W	5%	100 Ω
R1536	ERJ3GEY0R00	SMD	0.1W	-	0 Ω
R1537	ERJ3GEYJ101	SMD	0.1W	5%	100 Ω
R1538	ERJ3GEYJ101	SMD	0.1W	5%	100 Ω
R1540	EXB38V101JV	CHIP RES	.063W	5%	100 Ω
R1541	EXB2HV101JV	SMD	.063W	5%	100 Ω
R1542	ERJ3GEYJ472	SMD	0.1W	5%	4K7 Ω
R1543	ERJ3GEYJ472	SMD	0.1W	5%	4K7 Ω
R1544	ERJ3GEYJ472	SMD	0.1W	5%	4K7 Ω
R1545	ERJ3GEYJ101	SMD	0.1W	5%	100 Ω
R1546	ERJ3GEYJ101	SMD	0.1W	5%	100 Ω
R1549	ERJ6GEYJ622	S.M.CARB	0.1W	5%	6K2 Ω
R1550	EXB2HV101JV	SMD	.063W	5%	100 Ω
R1556	EXB2HV101JV	SMD	.063W	5%	100 Ω
R1568	ERJ3GEYJ101	SMD	0.1W	5%	100 Ω
R1569	ERJ3GEYJ101	SMD	0.1W	5%	100 Ω
R1579	ERJ3GEYJ103	SMD	0.1W	5%	10K Ω
R1580	ERJ3GEYJ103	SMD	0.1W	5%	10K Ω
R1581	ERJ3GEYJ472	SMD	0.1W	5%	4K7 Ω
R1582	ERJ3GEY0R00	SMD	0.1W	-	0 Ω
R1584	ERJ3GEY0R00	SMD	0.1W	-	0 Ω
R1586	ERJ3GEYJ101	SMD	0.1W	5%	100 Ω
R1587	ERJ3GEY0R00	SMD	0.1W	-	0 Ω
R1591	ERJ3GEYJ330	SMD	0.1W	5%	33 Ω
R1592	ERJ3GEYJ330	SMD	0.1W	5%	33 Ω
R1593	ERJ3GEYJ330	SMD	0.1W	5%	33 Ω
R1595	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7 Ω
R1597	ERJ3GEYJ202V	SMD	0.1W	5%	2K Ω
R1598	ERJ3GEYJ202V	SMD	0.1W	5%	2K Ω
R1599	ERJ3GEYJ202V	SMD	0.1W	5%	2K Ω
R1600	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7 Ω
R1604	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75 Ω
R1700	ERJ3GEYJ102	SMD	0.1W	5%	1K Ω
R1702	ERJ3GEYJ102	SMD	0.1W	5%	1K Ω
R1703	ERJ3GEYJ153V	S.M.CARB	0.1W	5%	15K Ω
R1714	ERJ3GEY0R00	SMD	0.1W	-	0 Ω
R1715	ERJ3GEYJ334	SMD	0.1W	5%	330K Ω
R1716	ERJ3GEY0R00	SMD	0.1W	-	0 Ω
R1717	ERJ3GEY0R00	SMD	0.1W	-	0 Ω
R1722	ERJ3GEY0R00	SMD	0.1W	-	0 Ω
R1727	ERJ3GEYJ472	SMD	0.1W	5%	4K7 Ω
R1729	ERJ3GEYJ472	SMD	0.1W	5%	4K7 Ω
R1755	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1756	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R3000	ERJ3GEYJ101	SMD	0.1W	5%	100 Ω
R3001	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75 Ω
R3002	ERJ3GEYJ101	SMD	0.1W	5%	100 Ω
R3007	ERJ3GEYJ473V	S.M.CARB	0.1W	5%	47K Ω
R3008	ERJ3GEYJ473V	S.M.CARB	0.1W	5%	47K Ω
R3009	ERJ3GEYJ104V	S.M.CARB	0.1W	5%	100K Ω
R3010	ERJ3GEYJ104V	S.M.CARB	0.1W	5%	100K Ω
R3011	ERJ3GEYJ101	SMD	0.1W	5%	100 Ω
R3012	ERJ3GEYJ101	SMD	0.1W	5%	100 Ω
R3021	ERJ3GEYJ473V	S.M.CARB	0.1W	5%	47K Ω
R3022	ERJ3GEYJ101	SMD	0.1W	5%	100 Ω
R3023	ERJ3GEYJ473V	S.M.CARB	0.1W	5%	47K Ω
R3024	ERJ3GEYJ101	SMD	0.1W	5%	100 Ω
R3050	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75 Ω
R3053	ERJ3GEYJ473V	S.M.CARB	0.1W	5%	47K Ω
R3055	ERJ3GEYJ473V	S.M.CARB	0.1W	5%	47K Ω
R3057	ERJ3GEYJ101	SMD	0.1W	5%	100 Ω

Cct Ref	Parts Number	Description			
R3058	ERJ3GEYJ104V	S.M.CARB	0.1W	5%	100K Ω
R3059	ERJ3GEYJ101	SMD	0.1W	5%	100 Ω
R3060	ERJ3GEYJ104V	S.M.CARB	0.1W	5%	100K Ω
R3201	ERJ3GEY0R00	SMD	0.1W	-	0 Ω
R3202	ERJ3GEY0R00	SMD	0.1W	-	0 Ω
R3204	ERJ3GEYJ221	SMD	0.1W	5%	220 Ω
R3205	ERJ3GEYJ221	SMD	0.1W	5%	220 Ω
R3208	ERJ3GEYJ152	SMD	0.1W	5%	1K5 Ω
R3209	ERJ3GEYJ221	SMD	0.1W	5%	220 Ω
R3210	ERJ3GEYJ152	SMD	0.1W	5%	1K5 Ω
R3211	ERJ3GEYJ221	SMD	0.1W	5%	220 Ω
R3214	ERJ3GEYJ123	SMD	0.1W	5%	12K Ω
R3215	ERJ3GEYJ682	SMD	0.1W	5%	6K8 Ω
R3216	ERJ3GEYJ123	SMD	0.1W	5%	12K Ω
R3217	ERJ3GEYJ682	SMD	0.1W	5%	6K8 Ω
R3226	ERJ3GEY0R00	SMD	0.1W	-	0 Ω
R3227	ERJ3GEY0R00	SMD	0.1W	-	0 Ω
R3301	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R3302	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R3304	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R3305	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R3331	ERJ6GEY0R00	S.M.CARB	0.1W	-	0 Ω
R3406	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75 Ω
R3407	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75 Ω
R3408	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75 Ω
R3409	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R3410	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R3411	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R3507	ERJ3GEYJ101	SMD	0.1W	5%	100 Ω
R3600	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47K Ω
R3601	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R3602	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47K Ω
R3603	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R3605	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R3606	ERJ12YJ151U	SMD	0.5W	5%	150 Ω
R3608	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R3609	ERJ12YJ151U	SMD	0.5W	5%	150 Ω
R3800	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R3801	ERJ6RBD102V	SMD	0.1W	0.5	1K Ω
R3802	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100K Ω
R3803	ERJ6GEYJ334	S.M.CARB	0.1W	5%	330K Ω
R3804	ERJ6RBD102V	SMD	0.1W	0.5	1K Ω
R3805	ERJ6GEYJ100	S.M.CARB	0.1W	5%	10 Ω
R3806	ERJ6RBD122	SMD	0.1W	0.5	1K2 Ω
R3807	ERJ12RQFR24U	SMD	0.5W	1%	R24 Ω
R3808	ERJ6RBD122	SMD	0.1W	0.5	1K2 Ω
R3809	ERJ6RBD302	SMD	0.1W	0.5	3K Ω
R3810	ERJ6RBD621V	SMD	0.1W	0.5	620 Ω
R3811	ERJ6RBD752	SMD	0.1W	0.5	7K5 Ω
R3812	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R3813	ERF2TLK10M	FIXED	2W	10%	0.01 Ω
R3814	ERG1FJS681E	METAL	1W	5%	680 Ω
R3815	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47K Ω
R3816	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47K Ω
R3817	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47K Ω
R3818	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R3819	ERJ6GEYJ273	S.M.CARB	0.1W	5%	27K Ω
R3820	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100K Ω
R3823	ERG1SJ471	METAL	0.5W	5%	470 Ω
R3824	ERG1SJ471	METAL	0.5W	5%	470 Ω
R3830	ERJ6ENF7500	S.M.CARB	0.1W	5%	75 Ω
R3831	ERJ6ENF3001	S.M.CARB	0.5W	5%	30 Ω
R3833	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R3834	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R3835	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47K Ω
R3845	ERG1FJS681E	METAL	1W	5%	680 Ω

Cct Ref	Parts Number	Description			
R3861	ERJ3GEYJ333V	SMD	0.1W	5%	33K Ω
R3862	ERJ3GEYJ153V	S.M.CARB	0.1W	5%	15K Ω
R3863	ERJ3GEYJ153V	S.M.CARB	0.1W	5%	15K Ω
R3864	ERJ3GEYJ333V	SMD	0.1W	5%	33K Ω
R3865	ERJ3GEYJ153V	S.M.CARB	0.1W	5%	15K Ω
R3866	ERJ3GEYJ153V	S.M.CARB	0.1W	5%	15K Ω
R3867	ERJ3GEYJ153V	S.M.CARB	0.1W	5%	15K Ω
R3873	ERJ3GEYJ473V	S.M.CARB	0.1W	5%	47K Ω
R3874	ERJ3GEYJ153V	S.M.CARB	0.1W	5%	15K Ω
R5001	ERJ3GEYJ473V	S.M.CARB	0.1W	5%	47K Ω
R5002	ERJ3GEYJ220	SMD	0.1W	5%	22 Ω
R5003	ERJ3GEYJ220	SMD	0.1W	5%	22 Ω
R5004	ERJ3GEYJ472	SMD	0.1W	5%	4K7 Ω
R5005	ERJ3GEYJ472	SMD	0.1W	5%	4K7 Ω
R5006	ERJ3GEYJ472	SMD	0.1W	5%	4K7 Ω
R5008	ERJ3GEYJ220	SMD	0.1W	5%	22 Ω
R5009	ERJ3GEYJ102	SMD	0.1W	5%	1K Ω
R5010	ERJ3GEYJ203V	SMD	0.1W	5%	20K Ω
R5013	ERJ3GEYJ472	SMD	0.1W	5%	4K7 Ω
R5015	ERJ3GEYJ473V	S.M.CARB	0.1W	5%	47K Ω
R5016	ERJ3GEYJ220	SMD	0.1W	5%	22 Ω
R5017	ERJ3GEYJ220	SMD	0.1W	5%	22 Ω
R5018	ERJ3GEYJ472	SMD	0.1W	5%	4K7 Ω
R5019	ERJ3GEYJ472	SMD	0.1W	5%	4K7 Ω
R5020	ERJ3GEYJ472	SMD	0.1W	5%	4K7 Ω
R5022	ERJ3GEYJ220	SMD	0.1W	5%	22 Ω
R5023	ERJ3GEYJ102	SMD	0.1W	5%	1K Ω
R5024	ERJ3GEYJ203V	SMD	0.1W	5%	20K Ω
R5027	ERJ3GEYJ472	SMD	0.1W	5%	4K7 Ω
R5028	ERJ3GEYJ220	SMD	0.1W	5%	22 Ω
R5031	ERJ3GEY0R00	SMD	0.1W	-	0 Ω
R5032	ERJ3GEY0R00	SMD	0.1W	-	0 Ω
R5033	ERJ2GEJ2R7X	SMD	.063W	5%	2R7 Ω
R5034	ERJ2GEJ2R7X	SMD	.063W	5%	2R7 Ω
R5035	ERJ2GEJ2R7X	SMD	.063W	5%	2R7 Ω
R5036	ERJ2GEJ2R7X	SMD	.063W	5%	2R7 Ω
R5037	ERJ2GEJ2R7X	SMD	.063W	5%	2R7 Ω
R5038	ERJ2GEJ2R7X	SMD	.063W	5%	2R7 Ω
R5039	ERJ2GEJ2R7X	SMD	.063W	5%	2R7 Ω
R5040	ERJ2GEJ2R7X	SMD	.063W	5%	2R7 Ω
R5041	ERJ2GEJ2R7X	SMD	.063W	5%	2R7 Ω
R5042	ERJ2GEJ2R7X	SMD	.063W	5%	2R7 Ω
R5043	ERJ2GEJ2R7X	SMD	.063W	5%	2R7 Ω
R5044	ERJ2GEJ2R7X	SMD	.063W	5%	2R7 Ω
R5045	ERJ2GEJ2R7X	SMD	.063W	5%	2R7 Ω
R5046	ERJ2GEJ2R7X	SMD	.063W	5%	2R7 Ω
R5047	ERJ2GEJ2R7X	SMD	.063W	5%	2R7 Ω
R5048	ERJ2GEJ2R7X	SMD	.063W	5%	2R7 Ω
R5049	ERJ3GEYJ101	SMD	0.1W	5%	100 Ω
R5050	ERJ3GEYJ220	SMD	0.1W	5%	22 Ω
R5051	ERJ3GEYJ472	SMD	0.1W	5%	4K7 Ω
R5052	ERJ3GEYJ220	SMD	0.1W	5%	22 Ω
R5054	ERJ3GEYJ472	SMD	0.1W	5%	4K7 Ω
R5056	ERJ3GEYJ103	SMD	0.1W	5%	10K Ω
R5057	ERJ3GEYJ472	SMD	0.1W	5%	4K7 Ω
R5058	ERJ3GEYJ101	SMD	0.1W	5%	100 Ω
R5059	ERJ3GEYJ472	SMD	0.1W	5%	4K7 Ω
R5060	ERJ3GEYJ220	SMD	0.1W	5%	22 Ω
R5061	ERJ3GEYJ220	SMD	0.1W	5%	22 Ω
R5066	ERJ3GEYJ272	SMD	0.1W	5%	2K7 Ω
R5067	ERJ3GEYJ272	SMD	0.1W	5%	2K7 Ω
R5068	ERJ3GEYJ103	SMD	0.1W	5%	10K Ω
R5069	ERJ3GEYJ103	SMD	0.1W	5%	10K Ω
R5070	ERJ3GEYJ103	SMD	0.1W	5%	10K Ω
R5071	ERJ3GEYJ103	SMD	0.1W	5%	10K Ω
R5072	ERJ3GEYJ220	SMD	0.1W	5%	22 Ω

Cct Ref	Parts Number	Description			
R5073	ERJ3GEYJ220	SMD	0.1W	5%	22 Ω
R5074	ERJ3GEYJ220	SMD	0.1W	5%	22 Ω
R5075	ERJ3GEYJ220	SMD	0.1W	5%	22 Ω
R5076	ERJ3GEYJ220	SMD	0.1W	5%	22 Ω
R5077	ERJ3GEYJ220	SMD	0.1W	5%	22 Ω
R5080	EXB38V330JV	CHIP RES	.063W	5%	33 Ω
R5081	ERJ3GEYJ102	SMD	0.1W	5%	1K Ω
R5084	ERJ2GEJ330X	SMD	.063W	5%	33 Ω
R5085	ERJ3GEYJ105	SMD	0.1W	5%	1M Ω
R5086	ERJ3GEYJ821	SMD	0.1W	5%	820 Ω
R5088	ERJ3GEYJ472	SMD	0.1W	5%	4K7 Ω
R5089	ERJ3GEYJ103	SMD	0.1W	5%	10K Ω
R5090	ERJ3GEYJ102	SMD	0.1W	5%	1K Ω
R5091	ERJ3GEYJ102	SMD	0.1W	5%	1K Ω
R5092	ERJ3GEYJ560	SMD	0.1W	5%	56 Ω
R5093	ERJ3GEYJ472	SMD	0.1W	5%	4K7 Ω
R5095	ERJ3GEYJ472	SMD	0.1W	5%	4K7 Ω
R5096	ERJ3GEYJ330	SMD	0.1W	5%	33 Ω
R5097	EXB2HV330JV	CHIP RES	.063W	5%	33 Ω
R5098	EXB2HV330JV	CHIP RES	.063W	5%	33 Ω
R5099	EXB2HV330JV	CHIP RES	.063W	5%	33 Ω
R5100	ERJ3GEY0R00	SMD	0.1W	-	0 Ω
R5109	ERJ3GEY0R00	SMD	0.1W	-	0 Ω
R5110	ERJ3GEYJ472	SMD	0.1W	5%	4K7 Ω
R5112	ERJ3GEY0R00	SMD	0.1W	-	0 Ω
R5113	ERJ3GEYJ472	SMD	0.1W	5%	4K7 Ω
R5114	ERJ3GEYJ472	SMD	0.1W	5%	4K7 Ω
R5117	ERJ3GEYJ472	SMD	0.1W	5%	4K7 Ω
R5118	ERJ3GEYJ472	SMD	0.1W	5%	4K7 Ω
R5119	ERJ3GEYJ472	SMD	0.1W	5%	4K7 Ω
R5120	ERJ3GEYJ472	SMD	0.1W	5%	4K7 Ω
R8001	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8002	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8003	ERJ2GEJ181X	SMD	.063W	5%	180 Ω
R8004	ERJ2GEJ181X	SMD	.063W	5%	180 Ω
R8006	ERJ8GEY0R00	S.M.CARB	.125W	-	0 Ω
R8008	ERJ2GEJ102X	RESISTOR	.063W	5%	1K Ω
R8010	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8011	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8012	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8014	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8015	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8017	ERJ3GEY0R00	SMD	0.1W	-	0 Ω
R8018	ERJ3GEY0R00	SMD	0.1W	-	0 Ω
R8020	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8021	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8022	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8027	EXB2HV560JV	CHIP RES	.063W	5%	56 Ω
R8028	ERJ2GEJ560X	SMD	.063W	5%	56 Ω
R8029	ERJ2GEJ560X	SMD	.063W	5%	56 Ω
R8030	ERJ2GEJ560X	SMD	.063W	5%	56 Ω
R8033	ERJ2GEJ472X	SMD	.063W	5%	4K7 Ω
R8034	ERJ3GEY0R00	SMD	0.1W	-	0 Ω
R8035	ERJ3GEY0R00	SMD	0.1W	-	0 Ω
R8036	ERJ3GEYJ163V	SMD	0.1W	5%	16K Ω
R8038	ERJ2GEJ560X	SMD	.063W	5%	56 Ω
R8039	ERJ2GEJ472X	SMD	.063W	5%	4K7 Ω
R8040	ERJ2GEJ472X	SMD	.063W	5%	4K7 Ω
R8041	ERJ2GEJ154X	SMD	.063W	5%	150K Ω
R8046	ERJ2GEJ330X	SMD	.063W	5%	33 Ω
R8047	ERJ2GEJ101X	SMD	.063W	5%	100 Ω
R8048	ERJ2GEJ101X	SMD	.063W	5%	100 Ω
R8049	ERJ2GEJ101X	SMD	.063W	5%	100 Ω
R8050	ERJ2GEJ101X	SMD	.063W	5%	100 Ω
R8051	EXB38V330JV	CHIP RES	.063W	5%	33 Ω
R8052	ERJ2GEJ103X	SMD	.063W	5%	10K Ω

Cct Ref	Parts Number	Description			
R8053	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8054	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8055	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8056	ERJ2GEJ330X	SMD	.063W	5%	33 Ω
R8057	ERJ2GEJ680X	SMD	.063W	5%	68 Ω
R8058	EXB38V330JV	CHIP RES	.063W	5%	33 Ω
R8059	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8073	ERJ2GEJ105X	SMD	.063W	5%	1M Ω
R8074	ERJ2GEJ181X	SMD	.063W	5%	180 Ω
R8075	ERJ2GEJ181X	SMD	.063W	5%	180 Ω
R8076	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8078	ERJ2GEJ562X	SMD	.063W	5%	5K6 Ω
R8079	ERJ2GEJ473X	SMD	.063W	5%	47K Ω
R8101	ERJ3GEYF181	SMD	0.1W	1%	180 Ω
R8102	ERJ3GEY0R00	SMD	0.1W	-	0 Ω
R8103	ERJ3GEY0R00	SMD	0.1W	-	0 Ω
R8104	ERJ2GEJ560X	SMD	.063W	5%	56 Ω
R8105	ERJ3GEY0R00	SMD	0.1W	-	0 Ω
R8106	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8107	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8108	ERJ3EKF1002V	SMD	0.1W	1%	10K Ω
R8109	ERJ3EKF2202V	SMD	0.1W	1%	22K Ω
R8110	ERJ3EKF1501V	SMD	0.1W	1%	1K5 Ω
R8111	ERJ2GE0R00X	SMD	.063W	-	0 Ω
R8112	ERJ3GEY0R00	SMD	0.1W	-	0 Ω
R8113	ERJ3GEY0R00	SMD	0.1W	-	0 Ω
R8114	ERJ2GEJ471X	SMD	.063W	5%	470 Ω
R8115	ERJ3GEYF272	SMD	0.1W	1%	2K7 Ω
R8116	ERJ3GEYF272	SMD	0.1W	1%	2K7 Ω
R8117	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470 Ω
R8118	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R8119	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R8120	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R8121	ERJ3GEYF272	SMD	0.1W	1%	2K7 Ω
R8122	ERJ3GEYF272	SMD	0.1W	1%	2K7 Ω
R8123	ERJ3GEY0R00	SMD	0.1W	-	0 Ω
R8124	ERJ2GEJ471X	SMD	.063W	5%	470 Ω
R8125	ERJ2GEJ471X	SMD	.063W	5%	470 Ω
R8126	ERJ2GEJ471X	SMD	.063W	5%	470 Ω
R8127	ERJ2GE0R00X	SMD	.063W	-	0 Ω
R8128	ERJ2GE0R00X	SMD	.063W	-	0 Ω
R8129	ERJ2GE0R00X	SMD	.063W	-	0 Ω
R8130	ERJ2GE0R00X	SMD	.063W	-	0 Ω
R8132	ERJ2GEJ560X	SMD	.063W	5%	56 Ω
R8133	ERJ2GEJ560X	SMD	.063W	5%	56 Ω
R8136	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8137	ERJ2GEJ121X	SMD	.063W	5%	120 Ω
R8140	ERJ3EKF1001V	SMD	0.1W	1%	1K Ω
R8141	ERJ3EKF1001V	SMD	0.1W	1%	1K Ω
R8144	EXB2HV560JV	CHIP RES	.063W	5%	56 Ω
R8145	EXB2HV560JV	CHIP RES	.063W	5%	56 Ω
R8148	EXB2HV390JV	CHIP RES	.063W	5%	39 Ω
R8149	EXB2HV390JV	CHIP RES	.063W	5%	39 Ω
R8150	ERJ2GEJ390X	SMD	.063W	5%	39 Ω
R8151	ERJ2GEJ390X	SMD	.063W	5%	39 Ω
R8152	ERJ2GEJ390X	SMD	.063W	5%	39 Ω
R8153	ERJ2GEJ390X	SMD	.063W	5%	39 Ω
R8154	ERJ2GEJ390X	SMD	.063W	5%	39 Ω
R8155	ERJ2GEJ390X	SMD	.063W	5%	39 Ω
R8156	ERJ2GEJ390X	SMD	.063W	5%	39 Ω
R8157	ERJ2GEJ390X	SMD	.063W	5%	39 Ω
R8158	ERJ2GEJ390X	SMD	.063W	5%	39 Ω
R8159	ERJ2GEJ390X	SMD	.063W	5%	39 Ω
R8161	ERJ2GEJ390X	SMD	.063W	5%	39 Ω
R8162	ERJ2GEJ390X	SMD	.063W	5%	39 Ω
R8163	ERJ2GEJ560X	SMD	.063W	5%	56 Ω

Cct Ref	Parts Number	Description			
R8165	ERJ2GEJ560X	SMD	.063W	5%	56 Ω
R8167	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8168	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8169	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8170	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8171	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8172	ERJ2GEJ473X	SMD	.063W	5%	47K Ω
R8173	EXB38V560JV	SMD	.063W	5%	56 Ω
R8175	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8176	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8183	ERJ2GE0R00X	SMD	.063W	-	0 Ω
R8184	ERJ2GEJ223X	SMD	.063W	5%	22K Ω
R8187	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8188	ERJ3GEY0R00	SMD	0.1W	-	0 Ω
R8193	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8195	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8196	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8201	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8202	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8203	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8204	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8215	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8216	ERJ2GEJ560X	SMD	.063W	5%	56 Ω
R8217	ERJ2GEJ560X	SMD	.063W	5%	56 Ω
R8218	EXB2HV330JV	CHIP RES	.063W	5%	33 Ω
R8219	EXB2HV330JV	CHIP RES	.063W	5%	33 Ω
R8220	EXB2HV560JV	CHIP RES	.063W	5%	56 Ω
R8221	EXB2HV560JV	CHIP RES	.063W	5%	56 Ω
R8222	EXB2HV560JV	CHIP RES	.063W	5%	56 Ω
R8223	ERJ2GEJ560X	SMD	.063W	5%	56 Ω
R8224	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8225	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8226	ERJ2GEJ330X	SMD	.063W	5%	33 Ω
R8232	ERJ2GEJ330X	SMD	.063W	5%	33 Ω
R8233	ERJ2GEJ330X	SMD	.063W	5%	33 Ω
R8234	ERJ2GEJ330X	SMD	.063W	5%	33 Ω
R8235	ERJ2GEJ330X	SMD	.063W	5%	33 Ω
R8236	ERJ2GEJ330X	SMD	.063W	5%	33 Ω
R8237	ERJ2GEJ330X	SMD	.063W	5%	33 Ω
R8238	ERJ2GEJ330X	SMD	.063W	5%	33 Ω
R8239	ERJ2GEJ330X	SMD	.063W	5%	33 Ω
R8240	ERJ2GEJ330X	SMD	.063W	5%	33 Ω
R8241	ERJ2GEJ330X	SMD	.063W	5%	33 Ω
R8242	ERJ2GEJ330X	SMD	.063W	5%	33 Ω
R8243	ERJ2GEJ330X	SMD	.063W	5%	33 Ω
R8244	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8245	ERJ2GEJ330X	SMD	.063W	5%	33 Ω
R8246	ERJ2GEJ330X	SMD	.063W	5%	33 Ω
R8250	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8252	ERJ2GEJ330X	SMD	.063W	5%	33 Ω
R8253	ERJ2GEJ330X	SMD	.063W	5%	33 Ω
R8254	ERJ2GEJ330X	SMD	.063W	5%	33 Ω
R8255	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8256	ERJ2GEJ472X	SMD	.063W	5%	4K7 Ω
R8257	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8259	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8260	ERJ2GEJ560X	SMD	.063W	5%	56 Ω
R8261	ERJ2GEJ560X	SMD	.063W	5%	56 Ω
R8262	ERJ2GEJ560X	SMD	.063W	5%	56 Ω
R8263	ERJ2GEJ560X	SMD	.063W	5%	56 Ω
R8264	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8265	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8266	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8267	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8268	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8269	ERJ2GEJ560X	SMD	.063W	5%	56 Ω

Cct Ref	Parts Number	Description			
R8271	ERJ2GEJ560X	SMD	.063W	5%	56 Ω
R8272	EXB38V560JV	SMD	.063W	5%	56 Ω
R8273	ERJ2GEJ560X	SMD	.063W	5%	56 Ω
R8275	ERJ2GEJ560X	SMD	.063W	5%	56 Ω
R8277	ERJ2GEJ560X	SMD	.063W	5%	56 Ω
R8279	ERJ2GE0R00X	SMD	.063W	-	0 Ω
R8282	ERJ2GEJ560X	SMD	.063W	5%	56 Ω
R8284	ERJ2GEJ560X	SMD	.063W	5%	56 Ω
R8286	ERJ2GEJ560X	SMD	.063W	5%	56 Ω
R8287	ERJ2GEJ560X	SMD	.063W	5%	56 Ω
R8290	EXB38V560JV	SMD	.063W	5%	56 Ω
R8291	ERJ2GEJ560X	SMD	.063W	5%	56 Ω
R8292	ERJ2GEJ560X	SMD	.063W	5%	56 Ω
R8310	ERJ3EKF75R0V	SMD	0.1W	1%	75 Ω
R8311	ERJ3EKF75R0V	SMD	0.1W	1%	75 Ω
R8312	ERJ3EKF75R0V	SMD	0.1W	1%	75 Ω
R8313	ERJ3EKF75R0V	SMD	0.1W	1%	75 Ω
R8314	ERJ3EKF75R0V	SMD	0.1W	1%	75 Ω
R8315	ERJ3EKF75R0V	SMD	0.1W	1%	75 Ω
R8319	ERJ3EKF2702V	SMD	0.1W	1%	27K Ω
R8320	ERJ3EKF1002V	SMD	0.1W	1%	10K Ω
R8321	ERJ3EKF8201V	SMD	0.1W	1%	8K2 Ω
R8349	ERJ2GEJ104X	SMD	.063W	5%	100K Ω
R8350	ERJ3EKF8201V	SMD	0.1W	1%	8K2 Ω
R8351	ERJ3EKF1002V	SMD	0.1W	1%	10K Ω
R8352	ERJ3EKF2702V	SMD	0.1W	1%	27K Ω
R8353	ERJ2GEJ332X	SMD	.063W	5%	3K3 Ω
R8354	ERJ2GEJ272X	SMD	.063W	5%	2K7 Ω
R8355	EXB2HV104JV	CHIP RES	.063W	5%	100K Ω
R8356	EXB2HV104JV	CHIP RES	.063W	5%	100K Ω
R8357	ERJ2GEJ473X	SMD	.063W	5%	47K Ω
R8358	ERJ2GEJ473X	SMD	.063W	5%	47K Ω
R8366	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8367	ERJ2GEJ560X	SMD	.063W	5%	56 Ω
R8368	ERJ2GEJ560X	SMD	.063W	5%	56 Ω
R8372	ERJ2GEJ560X	SMD	.063W	5%	56 Ω
R8373	ERJ2GEJ560X	SMD	.063W	5%	56 Ω
R8374	ERJ2GEJ560X	SMD	.063W	5%	56 Ω
R8375	ERJ2GEJ560X	SMD	.063W	5%	56 Ω
R8376	ERJ2GEJ560X	SMD	.063W	5%	56 Ω
R8401	ERJ8GEY0R00	S.M.CARB	.125W	-	0 Ω
R8402	ERJ6GEY0R00	S.M.CARB	0.1W	-	0 Ω
R8403	ERJ2GE0R00X	SMD	.063W	-	0 Ω
R8404	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8405	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8406	ERJ8RSJR10V	SMD	0.25W	5%	0.1 Ω
R8407	ERJ2GEJ333X	SMD	.063W	5%	33K Ω
R8414	ERJ2GE0R00X	SMD	.063W	-	0 Ω
R8415	ERJ2GEJ223X	SMD	.063W	5%	22K Ω
R8416	ERJ2GEJ223X	SMD	.063W	5%	22K Ω
R8417	EXB38V473JV	SMD	.063W	5%	47K Ω
R8418	EXB38V473JV	SMD	.063W	5%	47K Ω
R8419	EXB38V101JV	CHIP RES	.063W	5%	100 Ω
R8420	EXB38V101JV	CHIP RES	.063W	5%	100 Ω
R8421	ERJ2GEJ223X	SMD	.063W	5%	22K Ω
R8422	ERJ2GEJ104X	SMD	.063W	5%	100K Ω
R8423	ERJ2GEJ821X	SMD	.063W	5%	820 Ω
R8425	EXB38V101JV	CHIP RES	.063W	5%	100 Ω
R8426	EXB38V101JV	CHIP RES	.063W	5%	100 Ω
R8427	ERJ2GEJ560X	SMD	.063W	5%	56 Ω
R8428	ERJ2GEJ560X	SMD	.063W	5%	56 Ω
R8429	ERJ2GEJ560X	SMD	.063W	5%	56 Ω
R8430	ERJ2GEJ560X	SMD	.063W	5%	56 Ω
R8431	ERJ2GEJ560X	SMD	.063W	5%	56 Ω
R8433	EXB38V560JV	SMD	.063W	5%	56 Ω
R8434	EXB38V560JV	SMD	.063W	5%	56 Ω

Cct Ref	Parts Number	Description			
R8443	EXB38V560JV	SMD	.063W	5%	56 Ω
R8444	ERJ2GEJ101X	SMD	.063W	5%	100 Ω
R8445	ERJ2GEJ151X	SMD	.063W	5%	150 Ω
R8446	ERJ2GEJ151X	SMD	.063W	5%	150 Ω
R8447	ERJ2GEJ223X	SMD	.063W	5%	22K Ω
R8448	ERJ2GEJ473X	SMD	.063W	5%	47K Ω
R8449	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8450	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8451	EXB38V104JV	SMD	.063W	5%	100K Ω
R8452	ERJ2GEJ104X	SMD	.063W	5%	100K Ω
R8453	EXB38V104JV	SMD	.063W	5%	100K Ω
R8454	ERJ2GEJ104X	SMD	.063W	5%	100K Ω
R8456	EXB38V560JV	SMD	.063W	5%	56 Ω
R8457	EXB38V560JV	SMD	.063W	5%	56 Ω
R8458	EXB38V560JV	SMD	.063W	5%	56 Ω
R8459	EXB38V560JV	SMD	.063W	5%	56 Ω
R8460	ERJ2GEJ104X	SMD	.063W	5%	100K Ω
R8461	ERJ2GEJ560X	SMD	.063W	5%	56 Ω
R8462	ERJ2GE0R00X	SMD	.063W	-	0 Ω
R8463	ERJ2GE0R00X	SMD	.063W	-	0 Ω
R8464	ERJ2GEJ560X	SMD	.063W	5%	56 Ω
R8465	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8466	EXB38V560JV	SMD	.063W	5%	56 Ω
R8467	ERJ2GEJ560X	SMD	.063W	5%	56 Ω
R8468	ERJ2GEJ560X	SMD	.063W	5%	56 Ω
R8469	EXB38V151JV	SMD	.063W	5%	150 Ω
R8474	ERJ2GE0R00X	SMD	.063W	-	0 Ω
R8475	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8476	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8477	ERJ2GEJ560X	SMD	.063W	5%	56 Ω
R8478	ERJ2GEJ560X	SMD	.063W	5%	56 Ω
R8479	ERJ2GEJ203X	SMD	.063W	5%	20K Ω
R8480	ERJ2GEJ560X	SMD	.063W	5%	56 Ω
R8481	ERJ2GEJ560X	SMD	.063W	5%	56 Ω
R8482	ERJ2GEJ560X	SMD	.063W	5%	56 Ω
R8483	ERJ2GEJ203X	SMD	.063W	5%	20K Ω
R8484	ERJ2GEJ223X	SMD	.063W	5%	22K Ω
R8485	ERJ2GEJ333X	SMD	.063W	5%	33K Ω
R8486	ERJ2GEJ223X	SMD	.063W	5%	22K Ω
R8487	ERJ2GEJ560X	SMD	.063W	5%	56 Ω
R8488	ERJ2GE0R00X	SMD	.063W	-	0 Ω
R8489	ERJ2GEJ102X	RESISTOR	.063W	5%	1K Ω
R8491	ERJ3EKF9102V	SMD	0.1W	1%	91K Ω
R8492	ERJ3EKF1802V	SMD	0.1W	1%	18K Ω
R8493	ERJ3EKF9102V	SMD	0.1W	1%	91K Ω
R8494	ERJ3EKF9101V	SMD	0.1W	1%	9K1 Ω
R8495	EXB38V151JV	SMD	.063W	5%	150 Ω
R8496	EXB38V560JV	SMD	.063W	5%	56 Ω
R8497	ERJ3EKF3300V	SMD	0.1W	1%	330 Ω
R8498	ERJ3EKF2200V	SMD	0.1W	1%	220 Ω
R8499	ERJ3EKF2432V	SMD	0.1W	1%	24K3 Ω
R8500	ERJ3EKF1052V	SMD	0.1W	1%	10K5 Ω
R8501	ERJ3EKF5601V	SMD	0.1W	1%	5K6 Ω
R8502	ERJ3EKF2402V	SMD	0.1W	1%	24K Ω
R8503	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8504	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8505	ERJ2GEJ101X	SMD	.063W	5%	100 Ω
R8538	ERJ2GEJ101X	SMD	.063W	5%	100 Ω
R8539	ERJ2GEJ101X	SMD	.063W	5%	100 Ω
R8546	ERJ2GEJ333X	SMD	.063W	5%	33K Ω
R8547	ERJ2GEJ102X	RESISTOR	.063W	5%	1K Ω
R8601	ERJ3GEY0R00	SMD	0.1W	-	0 Ω
R8602	ERJ2GEJ101X	SMD	.063W	5%	100 Ω
R8603	ERJ2GEJ101X	SMD	.063W	5%	100 Ω
R8604	ERJ2GEJ101X	SMD	.063W	5%	100 Ω
R8605	ERJ2GEJ104X	SMD	.063W	5%	100K Ω

Cct Ref	Parts Number	Description			
R8606	ERJ2GEJ104X	SMD	.063W	5%	100K Ω
R8608	ERJ2GEJ105X	SMD	.063W	5%	1M Ω
R8610	ERJ2GEJ332X	SMD	.063W	5%	3K3 Ω
R8611	ERJ6GEY0R00	S.M.CARB	0.1W	-	0 Ω
R8614	ERJ2GEJ221X	SMD	.063W	5%	220 Ω
R8615	ERJ2GE0R00X	SMD	.063W	-	0 Ω
R8701	ERJ2GEJ560X	SMD	.063W	5%	56 Ω
R8702	ERJ2GEJ560X	SMD	.063W	5%	56 Ω
R8703	ERJ2GEJ560X	SMD	.063W	5%	56 Ω
R8704	ERJ2GEJ560X	SMD	.063W	5%	56 Ω
R8705	ERJ2GEJ560X	SMD	.063W	5%	56 Ω
R8706	ERJ2GEJ560X	SMD	.063W	5%	56 Ω
R8707	ERJ2GEJ560X	SMD	.063W	5%	56 Ω
R8708	ERJ2GEJ560X	SMD	.063W	5%	56 Ω
R8729	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8730	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8731	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8732	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8733	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8734	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8735	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8736	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8827	ERJ2GEJ392X	SMD	.063W	5%	3K9 Ω
R8828	ERJ2GEJ392X	SMD	.063W	5%	3K9 Ω
R8862	ERJ2GE0R00X	SMD	.063W	-	0 Ω
R8863	ERJ2GE0R00X	SMD	.063W	-	0 Ω
R8864	ERJ2GE0R00X	SMD	.063W	-	0 Ω
R8899	ERJ2GE0R00X	SMD	.063W	-	0 Ω
R8900	ERJ2GE0R00X	SMD	.063W	-	0 Ω
R8912	ERJ2GE0R00X	SMD	.063W	-	0 Ω
R8927	ERJ2GE0R00X	SMD	.063W	-	0 Ω
R8930	ERJ2GE0R00X	SMD	.063W	-	0 Ω
R8931	ERJ2GEJ392X	SMD	.063W	5%	3K9 Ω
R8932	ERJ2GEJ392X	SMD	.063W	5%	3K9 Ω
R8933	ERJ2GE0R00X	SMD	.063W	-	0 Ω
R8934	ERJ2GE0R00X	SMD	.063W	-	0 Ω
R8936	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8954	ERJ2GEJ103X	SMD	.063W	5%	10K Ω
R8960	ERJ2GE0R00X	SMD	.063W	-	0 Ω
R8962	ERJ2GEJ101X	SMD	.063W	5%	100 Ω
R8963	ERJ2GEJ101X	SMD	.063W	5%	100 Ω
R8964	ERJ2GEJ101X	SMD	.063W	5%	100 Ω
R8967	EXB2HV473JV	CHIP RES	.063W	5%	47K Ω
R8968	EXB2HV473JV	CHIP RES	.063W	5%	47K Ω
R8969	ERJ2GEJ473X	SMD	.063W	5%	47K Ω
R8970	ERJ2GEJ473X	SMD	.063W	5%	47K Ω
R8971	ERJ2GEJ473X	SMD	.063W	5%	47K Ω
CAPACITORS					
C100	ECA1CM100GB	ELECT	16V		10μF
C101	ECJ2VB1H102K	S.M.CAP	50V		1nF
C102	ECJ2FB1H104	S.M.CAP	50V		100nF
C109	ECJ2FB1H104	S.M.CAP	50V		100nF
C110	ECUV1H103JCN	S.M.CAP	50V		10nF
C113	ECUV1H104KBX	S.M. CAP	50V		100nF
C121	ECA1HHGR33B	ELECT	50V		0.33μF
C123	ECJ1VB1H102	S.M.CAP	50V		1nF
C127	ECUV1H104KBX	S.M. CAP	50V		100nF
C128	ECA1CHG221B	ELECT	16V		220μF
C129	ECJ1VC1H220J	S.M.CAP	50V		22pF
C130	ECJ1VC1H560J	S.M.CAP	50V		56pF
C131	ECUV1H104KBX	S.M. CAP	50V		100nF
C134	ECUV1H104KBX	S.M. CAP	50V		100nF
C135	ECA1CHG221B	ELECT	16V		220μF
C202	ECJ1VB1H102	S.M.CAP	50V		1nF
C203	ECJ2FB1E224K	S.M.CAP	25V		220nF
C204	ECJ1VB1H222K	S.M.CAP	50V		2.2nF

Cct Ref	Parts Number	Description		
C205	ECJ1VB1H222K	S.M.CAP	50V	2.2nF
C206	ECJ2VB1H153K	S.M.CAP	50V	15nF
C207	ECJ1VB1H222K	S.M.CAP	50V	2.2nF
C208	F2A1E470A211	ELECT	25V	47µF
C209	ECJ1VB1H221K	S.M.CAP	50V	220pF
C210	ECJ2FB1H104	S.M.CAP	50V	100nF
C211	ECJ1VB1H221K	S.M.CAP	50V	220pF
C212	ECA1HHG2R2B	ELECT	50V	220pF
C215	ECJ2FB1E224K	S.M.CAP	25V	220nF
C216	EEUFC1C102SB	ELECT	16V	1000µF
C217	ECJ2FB1H104	S.M.CAP	50V	100nF
C218	ECJ2FB1H104	S.M.CAP	50V	100nF
C219	ECJ1VB1H102	S.M.CAP	50V	1nF
C220	ECJ2FB1E224K	S.M.CAP	25V	220nF
C221	ECJ1VB1H222K	S.M.CAP	50V	2.2nF
C222	ECJ1VB1H222K	S.M.CAP	50V	2.2nF
C223	ECJ2VB1H153K	S.M.CAP	50V	15nF
C224	ECJ1VB1H222K	S.M.CAP	50V	2.2nF
C225	F2A1E470A211	ELECT	25V	47µF
C226	ECJ1VB1H221K	S.M.CAP	50V	220pF
C227	ECJ2FB1H104	S.M.CAP	50V	100nF
C228	ECJ1VB1H221K	S.M.CAP	50V	220pF
C229	ECA1HHG2R2B	ELECT	50V	220pF
C232	ECJ2FB1E224K	S.M.CAP	25V	220nF
C233	EEUFC1C102SB	ELECT	16V	1000µF
C234	ECJ2FB1H104	S.M.CAP	50V	100nF
C235	ECJ1VB1H153K	S.M.CAP	50V	15nF
C236	ECJ1VB1H153K	S.M.CAP	50V	15nF
C237	F2A1V4710040	ELECT	35V	470µF
C238	ECJ2FB1H104	S.M.CAP	50V	100nF
C239	ECQV1H334JL3	FILM	50V	330nF
C240	ECQV1H334JL3	FILM	50V	330nF
C252	ECA1VHG331B	ELECT	35V	330pF
C253	EEAGA1H4R7B	ELECT	50V	4.7µF
C254	EEAGA1H4R7B	ELECT	50V	4.7µF
C255	ECA1HHG2R2B	ELECT	50V	4.7µF
C270	ECJ2VB1H102K	S.M.CAP	50V	1nF
C271	ECJ2VB1H102K	S.M.CAP	50V	1nF
C273	ECA1HHG010B	ELECT	50V	1µF
C274	ECA1HHG010B	ELECT	50V	1µF
C275	MZA1VS331MJ4	ELECT	35V	330µF
C276	ECA1HHG470B	ELECT	50V	47µF
C277	ECA1HHG010B	ELECT	50V	1µF
C278	ECA1HHG010B	ELECT	50V	1µF
C279	ECJ1VC1H101J	S.M.CAP	50V	100pF
C280	ECJ1VC1H101J	S.M.CAP	50V	100pF
C281	ECA1HHG100B	ELECT	50V	10µF
C282	ECA1CHG101	ELECT	16V	100µF
C801	KMQ2WL151MDB	ELECT	450V	150µF
C802	ECQU2A224MLA	FILM	275V	220nF
C803	ECKCNA221KB7	CERAMIC	400V	220pF
C804	ECKCNA221KB7	CERAMIC	400V	220pF
C805	ECQU2A224MLA	FILM	275V	220nF
C808	ECQU2A224MLA	FILM	275V	220nF
C809	KMQ2WL151MDB	ELECT	450V	150µF
C810	ECQU2A224MLA	FILM	275V	220nF
C813	ECKWBE472ZER	CERAMIC	250V	4.7nF
C814	ECKWBE472ZER	CERAMIC	250V	4.7nF
C815	ECKWBE472ZER	CERAMIC	250V	4.7nF
C816	ECKWBE472ZER	CERAMIC	250V	4.7nF
C817	ECJ1VB1C105K	SMD	16V	1000nF
C818	ECQV1J105JM3	FILM	63V	1µF
C820	ECA1HHG101B	ELECT	50V	100µF
C821	ECUV1H223JCN	S.M.CAP	50V	22nF
C822	EEUFC1J221B	ELECT	63V	220µF
C823	ECJ2VF1H224Z	S.M.CAP	50V	220nF

Cct Ref	Parts Number	Description		
C824	ECJ2VF1C104Z	S.M.CAP	16V	100nF
C825	ECJ2VF1C104Z	S.M.CAP	16V	100nF
C826	ECJ2FB1E224K	S.M.CAP	25V	220nF
C827	ECQV1H824JL3	FILM	50V	820nF
C828	ECWF6473HLB	FILM	630V	47nF
C829	ECQU2A224MLA	FILM	275V	220nF
C830	ECEA1CKN4R7B	ELECT	16V	4R7µF
C831	ECJ2VB1H272K	S.M.CAP	50V	2.7nF
C832	ECKCNA152ME7	CERAMIC	400V	1.5nF
C845	ECEA1HKA4R7	ELECT	50V	4.7µF
C846	ECUV1H331KBN	S.M.CAP	50V	330pF
C847	ECKC3D271JB	CERAMIC	2KV	270pF
C851	KZH1VV182MT5	ELECT	35V	1800µF
C852	KZH1VV182MT5	ELECT	35V	1800µF
C855	EEUFM1V681B	ELECT	35V	680µF
C856	KZH1VV182MT5	ELECT	35V	1800µF
C857	EEUFM1V681B	ELECT	35V	680µF
C858	ECJ2FB1H104	S.M.CAP	50V	100nF
C859	ECQV1H474JZ	FILM	50V	470nF
C863	ECJ1VB1C105K	SMD	16V	1000nF
C864	ECJ1VB0J225K	S.M.CAP	6.3V	2.2µF
C867	ECJ1VB1H104	S.M.CAP	50V	100nF
C868	EEFCD0J470ER	ELECT	6.3V	47µF
C869	MZA1VS331MJ4	ELECT	35V	330µF
C870	EEUEB1H100SB	ELECT	50V	10µF
C871	ECJ1VC1H102J	S.M.CAP	50V	1nF
C872	EEUEB1E470SB	ELECT	25V	47µF
C873	ECJ1VB1H102	S.M.CAP	50V	1nF
C874	ECJ1VB1H104	S.M.CAP	50V	100nF
C875	ECJ1VB1H222K	S.M.CAP	50V	2.2nF
C876	ECJ1VB1H103	S.M.CAP	50V	10nF
C877	ECJ2FB1H473K	S.M.CAP	50V	47nF
C878	EEUEB1H100SB	ELECT	50V	10µF
C879	ECJ2FB1E224K	S.M.CAP	25V	220nF
C880	ECJ2FB1E224K	S.M.CAP	25V	220nF
C881	MZA1VS331MJ4	ELECT	35V	330µF
C882	ECUV1H103JCN	S.M.CAP	50V	10nF
C883	EEFUE0J181ER	ELECT	6.3V	180µF
C884	ECUV1H470JCX	S.M. CAP	50V	47pF
C885	ECJ1VB1E473K	S.M.CAP	25V	47nF
C886	ECJ1VB1H102	S.M.CAP	50V	1nF
C887	PXA1DS820MJA	ELECT	20V	82µF
C888	ECJ2VB1E104K	S.M.CAP	25V	100nF
C889	EEFCD0J470ER	ELECT	6.3V	47µF
C890	ECJ3YB1E106M	S.M.CAP	25V	10µF
C891	ECJ1VB1C105K	SMD	16V	1000nF
C892	ECJ3YB1E106M	S.M.CAP	25V	10µF
C893	ECJ2FB1E105K	S.M.CAP	25V	1µF
C894	ECJ2FB1E105K	S.M.CAP	25V	1µF
C895	ECJ1VB1H222K	S.M.CAP	50V	2.2nF
C896	ECJ1VB1H471K	S.M.CAP	50V	470pF
C1052	ECJ2FB1H104	S.M.CAP	50V	100nF
C1053	ECEA1CKA470	ELECT	16V	47µF
C1054	ECUV1H270JCG	S.M.CAP	50V	27pF
C1060	ECJ1VB0J105K	S.M.CAP	6.3V	1µF
C1204	EEUEB1H100SB	ELECT	50V	10µF
C1205	ECJ2VF1C104Z	S.M.CAP	16V	100nF
C1206	EEUEB1H100SB	ELECT	50V	10µF
C1207	ECJ2VF1C104Z	S.M.CAP	16V	100nF
C1209	ECJ2VF1C105Z	S.M.CAP	16V	1µF
C1211	ECJ1VC1H221	S.M.CAP	50V	220pF
C1212	ECJ0EB1A104K	S.M.CAP	10V	100nF
C1223	ECUV1H683ZFX	S.M. CAP	50V	68nF
C1224	ECJ1VC1H221	S.M.CAP	50V	220pF
C1225	ECJ1VC1H221	S.M.CAP	50V	220pF
C1380	ECJ2FF1A475Z	S.M.CAP	10V	4.7µF

Cct Ref	Parts Number	Description		
C1381	F1H1C104A041	CERAMIC	16V	100nF
C1382	ECJ2FF1A475Z	S.M.CAP	10V	4.7µF
C1383	ECJ2FF1A475Z	S.M.CAP	10V	4.7µF
C1384	F1H1C104A041	CERAMIC	16V	100nF
C1385	F1H1C104A041	CERAMIC	16V	100nF
C1386	ECJ2FF1A475Z	S.M.CAP	10V	4.7µF
C1387	ECJ2FF1A475Z	S.M.CAP	10V	4.7µF
C1388	F2G1C470A022	ELECT	16V	47µF
C1389	F1H1H103A219	CERAMIC	50V	10nF
C1390	F2G0J470A019	ELECT	6.3V	47µF
C1391	F1H1H103A219	CERAMIC	50V	10nF
C1392	ECJ0EC1H181J	S.M.CAP	50V	180pF
C1393	ECJ0EC1H181J	S.M.CAP	50V	180pF
C1394	ECJ0EC1H330J	S.M.CAP	50V	33pF
C1395	ECJ0EC1H330J	S.M.CAP	50V	33pF
C1500	EEAGA1C100B	ELECT	16V	10µF
C1501	EEUEB1H100SB	ELECT	50V	10µF
C1502	EEFUE0J181ER	ELECT	6.3V	180µF
C1503	EEUEB1H100SB	ELECT	50V	10µF
C1504	EEAGA1C100B	ELECT	16V	10µF
C1505	EEUEB1V330SB	ELECT	35V	33µF
C1506	EEUEB1H100SB	ELECT	50V	10µF
C1507	EEUEB1H100SB	ELECT	50V	10µF
C1508	ECJ1VF1E104	S.M.CAP	25V	100nF
C1509	ECJ1VF1E104	S.M.CAP	25V	100nF
C1510	ECJ1VF1E104	S.M.CAP	25V	100nF
C1511	ECJ1VF1E104	S.M.CAP	25V	100nF
C1512	ECJ1VF1E104	S.M.CAP	25V	100nF
C1513	ECJ1VF1E104	S.M.CAP	25V	100nF
C1514	ECJ1VF1E104	S.M.CAP	25V	100nF
C1515	ECJ1VF1E104	S.M.CAP	25V	100nF
C1516	ECJ1VF1E104	S.M.CAP	25V	100nF
C1517	ECJ1VC1H102J	S.M.CAP	50V	1nF
C1518	ECJ1VF1E104	S.M.CAP	25V	100nF
C1519	ECJ1VF1E104	S.M.CAP	25V	100nF
C1520	ECJ1VC1H102J	S.M.CAP	50V	1nF
C1521	ECJ1VF1E104	S.M.CAP	25V	100nF
C1522	ECJ1VF1E104	S.M.CAP	25V	100nF
C1523	ECJ1VF1A105	S.M.CAP	10V	1µF
C1524	ECJ1VF1E104	S.M.CAP	25V	100nF
C1525	ECJ1VF1E104	S.M.CAP	25V	100nF
C1526	ECJ1VF1E104	S.M.CAP	25V	100nF
C1527	ECJ1VF1E104	S.M.CAP	25V	100nF
C1528	EEUEB1H100SB	ELECT	50V	10µF
C1529	ECJ1VF1A105	S.M.CAP	10V	1µF
C1530	ECJ1VF1E104	S.M.CAP	25V	100nF
C1532	ECUV1H683ZFX	S.M. CAP	50V	68nF
C1539	ECJ3YB1A106M	S.M.CAP	10V	10µF
C1540	EEAGA1C100B	ELECT	16V	10µF
C1541	F2G1C100A022	ELECT	16V	10µF
C1546	ECJ2FB1C474K	S.M.CAP	16V	470nF
C1547	ECJ2FB1C474K	S.M.CAP	16V	470nF
C1548	ECJ2FB1C474K	S.M.CAP	16V	470nF
C1549	ECJ2FB1C474K	S.M.CAP	16V	470nF
C1550	ECJ2FB1C474K	S.M.CAP	16V	470nF
C1551	ECJ2FB1C474K	S.M.CAP	16V	470nF
C1552	ECJ2FB1C474K	S.M.CAP	16V	470nF
C1553	ECJ2FB1C474K	S.M.CAP	16V	470nF
C1554	EEH1B1H3R3R	ELECT	50V	3.3µF
C1559	ECJ1VB1C104K	S.M.CAP	16V	100nF
C1560	ECJ1VF1E104	S.M.CAP	25V	100nF
C1561	ECJ1VC1H560J	S.M.CAP	50V	56pF
C1562	ECJ1VC1H560J	S.M.CAP	50V	56pF
C1563	ECJ1VB1H102	S.M.CAP	50V	1nF
C1564	ECJ1VB1H102	S.M.CAP	50V	1nF
C1565	ECJ1VC1H220J	S.M.CAP	50V	22pF

Cct Ref	Parts Number	Description		
C1566	ECJ1VC1H220J	S.M.CAP	50V	22pF
C1567	EEH1B1E100R	ELECT	25V	10µF
C1568	EEH1B1E100R	ELECT	25V	10µF
C1569	EEUEB1H220SB	ELECT	50V	20µF
C1570	ECJ1VB1H102	S.M.CAP	50V	1nF
C1571	ECJ1VB1H102	S.M.CAP	50V	1nF
C1572	ECJ1VB1C104K	S.M.CAP	16V	100nF
C1573	ECJ1VB1C104K	S.M.CAP	16V	100nF
C1574	ECJ1VB1C104K	S.M.CAP	16V	100nF
C1575	ECJ1VB1C104K	S.M.CAP	16V	100nF
C1576	ECJ1VB1C104K	S.M.CAP	16V	100nF
C1577	ECJ1VB1C104K	S.M.CAP	16V	100nF
C1578	ECJ1VB1C104K	S.M.CAP	16V	100nF
C1579	ECJ1VB1C104K	S.M.CAP	16V	100nF
C1580	ECJ1VB1C104K	S.M.CAP	16V	100nF
C1581	ECJ1VB1C104K	S.M.CAP	16V	100nF
C1582	ECJ1VB1C104K	S.M.CAP	16V	100nF
C1583	ECJ1VB1C104K	S.M.CAP	16V	100nF
C1584	ECJ1VB1C104K	S.M.CAP	16V	100nF
C1585	ECJ1VB1C104K	S.M.CAP	16V	100nF
C1586	ECJ1VB1C104K	S.M.CAP	16V	100nF
C1587	ECJ1VB1C104K	S.M.CAP	16V	100nF
C1590	EEUEB1H4R7SB	ELECT	50V	4.7µF
C1591	ECJ2FB0J106M	S.M.CAP	6.3V	10µF
C1593	ECJ2FB0J106M	S.M.CAP	6.3V	10µF
C1596	ECJ2FB0J106M	S.M.CAP	6.3V	10µF
C1700	EEUEB1H2R2SB	ELECT	50V	2.2µF
C1701	ECJ1VF1E104	S.M.CAP	25V	100nF
C3002	ECJ1VB1H102	S.M.CAP	50V	1nF
C3003	ECJ1VB1H102	S.M.CAP	50V	1nF
C3004	ECJ1VC1H561J	S.M.CAP	50V	560pF
C3005	ECJ1VC1H561J	S.M.CAP	50V	560pF
C3021	ECJ1VC1H561J	S.M.CAP	50V	560pF
C3022	ECJ1VC1H561J	S.M.CAP	50V	560pF
C3023	ECJ1VC1H560J	S.M.CAP	50V	56pF
C3024	ECJ1VC1H121	S.M.CAP	50V	120pF
C3025	ECJ1VC1H560J	S.M.CAP	50V	56pF
C3026	ECJ1VC1H121	S.M.CAP	50V	120pF
C3027	ECJ1VC1H560J	S.M.CAP	50V	56pF
C3028	ECJ1VC1H121	S.M.CAP	50V	120pF
C3031	ECJ1VC1H560J	S.M.CAP	50V	56pF
C3032	ECJ1VC1H560J	S.M.CAP	50V	56pF
C3033	ECJ1VC1H560J	S.M.CAP	50V	56pF
C3052	ECJ1VC1H561J	S.M.CAP	50V	560pF
C3053	ECJ1VB1H102	S.M.CAP	50V	1nF
C3054	ECJ1VB1H102	S.M.CAP	50V	1nF
C3055	ECJ1VC1H561J	S.M.CAP	50V	560pF
C3201	ECJ1VB1C104K	S.M.CAP	16V	100nF
C3202	ECJ1VB1C104K	S.M.CAP	16V	100nF
C3204	EEH1P0J470P	ELECT	6.3V	47µF
C3205	EEH1P0J470P	ELECT	6.3V	47µF
C3206	ECJ1VB1C104K	S.M.CAP	16V	100nF
C3207	ECJ1VB1C104K	S.M.CAP	16V	100nF
C3208	ECJ2VF1C105Z	S.M.CAP	16V	1µF
C3209	ECJ2VF1C105Z	S.M.CAP	16V	1µF
C3210	ECJ2VF1C105Z	S.M.CAP	16V	1µF
C3211	ECJ2VF1C105Z	S.M.CAP	16V	1µF
C3214	EEH1B1E100R	ELECT	25V	10µF
C3215	EEAGA1C100B	ELECT	16V	10µF
C3301	ECJ2FB1C474K	S.M.CAP	16V	470nF
C3302	ECJ2FB1C474K	S.M.CAP	16V	470nF
C3303	ECJ2FB1C474K	S.M.CAP	16V	470nF
C3304	ECJ2FB1C474K	S.M.CAP	16V	470nF
C3305	ECUV1H104KBX	S.M. CAP	50V	100nF
C3306	ECJ3YB1C106M	S.M.CAP	16V	10µF
C3307	ECA1HHG220B	ELECT	50V	22µF

Cct Ref	Parts Number	Description		
C3308	ECJ2FB1C474K	S.M.CAP	16V	470nF
C3309	ECJ2FB1C474K	S.M.CAP	16V	470nF
C3310	ECJ2FB1C474K	S.M.CAP	16V	470nF
C3311	ECJ2FB1C474K	S.M.CAP	16V	470nF
C3312	ECJ3YB1C475K	S.M.CAP	16V	4.7µF
C3313	ECJ3YB1C475K	S.M.CAP	16V	4.7µF
C3314	ECJ3YB1C106M	S.M.CAP	16V	10µF
C3315	ECJ2FB1C474K	S.M.CAP	16V	470nF
C3316	ECJ2FB1C474K	S.M.CAP	16V	470nF
C3318	ECJ3YB1C106M	S.M.CAP	16V	10µF
C3320	ECJ3YB1C106M	S.M.CAP	16V	10µF
C3329	ECA1HHG470B	ELECT	50V	47µF
C3336	ECJ2FB1C474K	S.M.CAP	16V	470nF
C3337	ECJ2FB1C474K	S.M.CAP	16V	470nF
C3400	ECJ3YB1A106M	S.M.CAP	10V	10µF
C3401	ECJ3YB1A106M	S.M.CAP	10V	10µF
C3402	ECJ3YB1A106M	S.M.CAP	10V	10µF
C3403	ECJ3YB1A106M	S.M.CAP	10V	10µF
C3404	ECJ1VF1E104	S.M.CAP	25V	100nF
C3405	ECJ3YB1A106M	S.M.CAP	10V	10µF
C3406	ECJ3YB1A106M	S.M.CAP	10V	10µF
C3407	EEUEB1E101B	ELECT	25V	100µF
C3600	ECUV1H561KBX	S.M. CAP	50V	560pF
C3601	ECUV1H561KBX	S.M. CAP	50V	560pF
C3602	ECJ2VB1H561K	S.M.CAP	50V	560pF
C3603	ECUV1H103JCN	S.M.CAP	50V	10nF
C3604	ECEA1HKA4R7	ELECT	50V	4.7µF
C3605	ECJ2VB1H561K	S.M.CAP	50V	560pF
C3606	ECUV1H103JCN	S.M.CAP	50V	10nF
C3607	ECEA1HKA4R7	ELECT	50V	4.7µF
C3800	MZA1VS331MJ4	ELECT	35V	330µF
C3801	ECJ1VB1H103	S.M.CAP	50V	10nF
C3802	ECJ2FB1H104	S.M.CAP	50V	100nF
C3803	ECJ2VB1H102K	S.M.CAP	50V	1nF
C3804	ECJ1VB1H103	S.M.CAP	50V	10nF
C3805	ECJ1VB1E104K	S.M.CAP	25V	100nF
C3807	ECJ1VC1H102J	S.M.CAP	50V	1nF
C3808	ECJ1VB1E223	S.M.CAP	25V	22nF
C3809	PXA1CS820MH3	ELECT	16V	82µF
C3812	ECJ2FB1E105K	S.M.CAP	25V	1µF
C3813	ECJ1VB1H104	S.M.CAP	50V	100nF
C3817	F2A1V4710040	ELECT	35V	470µF
C3830	MZA1VS331MJ4	ELECT	35V	330µF
C3831	ECJ3YB1C225K	S.M.CAP	16V	2.2µF
C3832	MZA1VS331MJ4	ELECT	35V	330µF
C3850	EEUEB1H100SB	ELECT	50V	10µF
C3851	EEUEB1E101SB	ELECT	25V	100µF
C3852	ECJ2VB1E104K	S.M.CAP	25V	100nF
C3860	EEUEB1H100SB	ELECT	50V	10µF
C5000	ECJ2FF1C475Z	S.M.CAP	16V	4.7µF
C5001	ECJ1VB1C104K	S.M.CAP	16V	100nF
C5002	ECJ1VC1H101J	S.M.CAP	50V	100pF
C5003	ECJ1VF1A225Z	S.M.CAP	10V	2.2µF
C5004	F1H1A1050002	CERAMIC	10V	1µF
C5005	ECJ1VB1C104K	S.M.CAP	16V	100nF
C5006	ECJ1VC1H471J	S.M.CAP	50V	470pF
C5007	F1H1A1050002	CERAMIC	10V	1µF
C5008	ECJ1VB1C104K	S.M.CAP	16V	100nF
C5009	ECJ2FF1A106Z	S.M.CAP	10V	10µF
C5010	ECJ1VB1C104K	S.M.CAP	16V	100nF
C5011	ECJ1VB1C104K	S.M.CAP	16V	100nF
C5012	ECJ1VB1C104K	S.M.CAP	16V	100nF
C5013	ECJ1VB1C104K	S.M.CAP	16V	100nF
C5014	ECJ1VB1C104K	S.M.CAP	16V	100nF
C5015	ECJ1VB1C104K	S.M.CAP	16V	100nF
C5016	ECJ1VB1C104K	S.M.CAP	16V	100nF

Cct Ref	Parts Number	Description		
C5017	ECJ1VB1C104K	S.M.CAP	16V	100nF
C5018	F1H1H102A219	CERAMIC	50V	1nF
C5019	ECJ1VB1C104K	S.M.CAP	16V	100nF
C5020	F1H1H102A219	CERAMIC	50V	1nF
C5021	ECJ2FF1A106Z	S.M.CAP	10V	10µF
C5022	F1H1H102A219	CERAMIC	50V	1nF
C5023	F1H1H102A219	CERAMIC	50V	1nF
C5024	ECJ1VB1C104K	S.M.CAP	16V	100nF
C5025	F1H1H102A219	CERAMIC	50V	1nF
C5026	ECJ1VB1C104K	S.M.CAP	16V	100nF
C5027	F1H1H102A219	CERAMIC	50V	1nF
C5028	F1H1H102A219	CERAMIC	50V	1nF
C5029	F1H1H102A219	CERAMIC	50V	1nF
C5030	F1H1H102A219	CERAMIC	50V	1nF
C5031	F1H1H102A219	CERAMIC	50V	1nF
C5032	ECJ2FF1A106Z	S.M.CAP	10V	10µF
C5033	ECJ2FF1A106Z	S.M.CAP	10V	10µF
C5034	ECJ2FF1A106Z	S.M.CAP	10V	10µF
C5035	ECJ2FF1A106Z	S.M.CAP	10V	10µF
C5036	ECJ1VB1C104K	S.M.CAP	16V	100nF
C5037	ECJ1VB1C104K	S.M.CAP	16V	100nF
C5038	ECJ1VB1C104K	S.M.CAP	16V	100nF
C5039	ECJ1VB1C104K	S.M.CAP	16V	100nF
C5040	ECJ1VB1C104K	S.M.CAP	16V	100nF
C5041	ECJ1VB1C104K	S.M.CAP	16V	100nF
C5042	ECJ1VB1C104K	S.M.CAP	16V	100nF
C5043	ECJ1VB1C104K	S.M.CAP	16V	100nF
C5044	ECJ1VB1C104K	S.M.CAP	16V	100nF
C5045	ECJ1VB1C104K	S.M.CAP	16V	100nF
C5046	ECJ1VB1C104K	S.M.CAP	16V	100nF
C5047	ECJ1VB1C104K	S.M.CAP	16V	100nF
C5048	ECJ1VB1C104K	S.M.CAP	16V	100nF
C5049	ECJ1VB1C104K	S.M.CAP	16V	100nF
C5050	ECJ1VB1C104K	S.M.CAP	16V	100nF
C5051	ECJ1VB1C104K	S.M.CAP	16V	100nF
C5052	F1H1H102A219	CERAMIC	50V	1nF
C5053	F1H1H102A219	CERAMIC	50V	1nF
C5054	F1H1H102A219	CERAMIC	50V	1nF
C5055	F1H1H102A219	CERAMIC	50V	1nF
C5056	F1H1H102A219	CERAMIC	50V	1nF
C5057	F1H1H102A219	CERAMIC	50V	1nF
C5058	F1H1H102A219	CERAMIC	50V	1nF
C5059	F1H1H102A219	CERAMIC	50V	1nF
C5060	F1H1H102A219	CERAMIC	50V	1nF
C5061	F1H1H102A219	CERAMIC	50V	1nF
C5062	F1H1H102A219	CERAMIC	50V	1nF
C5063	F1H1H102A219	CERAMIC	50V	1nF
C5064	F1H1H102A219	CERAMIC	50V	1nF
C5065	F1H1H102A219	CERAMIC	50V	1nF
C5066	F1H1H102A219	CERAMIC	50V	1nF
C5067	F1H1H102A219	CERAMIC	50V	1nF
C5068	ECJ1VB1C104K	S.M.CAP	16V	100nF
C5069	F1H1A1050002	CERAMIC	10V	1µF
C5070	ECJ1VB1C104K	S.M.CAP	16V	100nF
C5071	ECJ1VB1C104K	S.M.CAP	16V	100nF
C5072	F1H1H102A219	CERAMIC	50V	1nF
C5073	ECJ1VB1C103K	S.M.CAP	16V	10nF
C5074	F1H1H102A219	CERAMIC	50V	1nF
C5075	F1H1A1050002	CERAMIC	10V	1µF
C5076	ECJ1VB1C104K	S.M.CAP	16V	100nF
C5077	ECJ1VB1C103K	S.M.CAP	16V	10nF
C5078	ECJ1VB1C104K	S.M.CAP	16V	100nF
C5081	ECJ1VB1C104K	S.M.CAP	16V	100nF
C5084	ECJ1VB1C104K	S.M.CAP	16V	100nF
C5085	ECJ1VB1C104K	S.M.CAP	16V	100nF
C5087	ECJ1VC1H150	S.M.CAP	50V	15pF

Cct Ref	Parts Number	Description		
C5088	ECJ1VC1H150	S.M.CAP	50V	15pF
C8001	ECJ0EB1C103K	S.M.CAP	16V	10nF
C8002	ECJ0EB1A104K	S.M.CAP	10V	100nF
C8003	ECJ0EB1C103K	S.M.CAP	16V	10nF
C8004	ECJ0EB1A104K	S.M.CAP	10V	100nF
C8005	F2G1C100A022	ELECT	16V	10μF
C8007	ECJ0EB1H102K	S.M.CAP	50V	1nF
C8015	ECJ1VC1H080	S.M.CAP	50V	8pF
C8019	ECJ0EB1C103K	S.M.CAP	16V	10nF
C8020	ECJ0EB1C103K	S.M.CAP	16V	10nF
C8021	ECJ0EB1H102K	S.M.CAP	50V	1nF
C8030	ECJ0EB1C103K	S.M.CAP	16V	10nF
C8034	ECJ0EF1C104Z	S.M.CAP	16V	100nF
C8035	ECJ0EF1C104Z	S.M.CAP	16V	100nF
C8037	ECJ0EB1C103K	S.M.CAP	16V	10nF
C8039	ECJ0EB1C103K	S.M.CAP	16V	10nF
C8040	ECJ0EB1C103K	S.M.CAP	16V	10nF
C8041	F2G0G101A007	ELECT	4V	100μF
C8042	ECJ1VC1H100D	S.M.CAP	50V	10pF
C8043	ECJ1VC1H100D	S.M.CAP	50V	10pF
C8046	ECJ0EB1C103K	S.M.CAP	16V	10nF
C8047	ECJ0EB1C103K	S.M.CAP	16V	10nF
C8048	ECJ0EB1C103K	S.M.CAP	16V	10nF
C8051	ECJ0EB1C103K	S.M.CAP	16V	10nF
C8052	ECJ0EB1C103K	S.M.CAP	16V	10nF
C8055	F2G0J470A019	ELECT	6.3V	47μF
C8056	ECJ0EB1C103K	S.M.CAP	16V	10nF
C8058	ECJ0EB1C103K	S.M.CAP	16V	10nF
C8059	ECJ0EB1C103K	S.M.CAP	16V	10nF
C8060	ECJ0EB1C103K	S.M.CAP	16V	10nF
C8061	ECJ0EB1C103K	S.M.CAP	16V	10nF
C8062	F1G1A1540001	CERAMIC	10V	150nF
C8071	ECJ0EC1H270J	S.M.CAP	50V	27pF
C8073	ECJ0EC1H270J	S.M.CAP	50V	27pF
C8098	ECGRLOG680ER	ELECT	4V	68μF
C8099	ECJ0EB1A104K	S.M.CAP	10V	100nF
C8100	ECJ0EB1A104K	S.M.CAP	10V	100nF
C8101	F1H0J1050013	CERAMIC	6.3V	1μF
C8102	F1H0J1050013	CERAMIC	6.3V	1μF
C8103	ECJ0EB1A104K	S.M.CAP	10V	100nF
C8104	ECJ0EB1A104K	S.M.CAP	10V	100nF
C8105	F2G0G101A007	ELECT	4V	100μF
C8106	F1H0J1050013	CERAMIC	6.3V	1μF
C8107	F1H0J1050013	CERAMIC	6.3V	1μF
C8108	ECJ0EB1A104K	S.M.CAP	10V	100nF
C8109	F2G0G101A007	ELECT	4V	100μF
C8110	ECJ0EB1A104K	S.M.CAP	10V	100nF
C8121	ECJ0EB1A104K	S.M.CAP	10V	100nF
C8128	ECJ0EB1C103K	S.M.CAP	16V	10nF
C8129	ECJ0EB1C103K	S.M.CAP	16V	10nF
C8134	ECJ0EB1C103K	S.M.CAP	16V	10nF
C8135	ECJ0EB1A473K	S.M.CAP	10V	47nF
C8136	ECGRLOG680ER	ELECT	4V	68μF
C8138	ECJ0EB1C103K	S.M.CAP	16V	10nF
C8139	ECGRLOG680ER	ELECT	4V	68μF
C8140	ECJ0EB1A104K	S.M.CAP	10V	100nF
C8141	ECJ0EB1C103K	S.M.CAP	16V	10nF
C8142	ECJ0EB1A104K	S.M.CAP	10V	100nF
C8143	ECJ0EB1C103K	S.M.CAP	16V	10nF
C8144	ECJ0EB1A104K	S.M.CAP	10V	100nF
C8145	ECJ0EB1C103K	S.M.CAP	16V	10nF
C8146	ECJ0EB1A104K	S.M.CAP	10V	100nF
C8147	ECJ0EB1C103K	S.M.CAP	16V	10nF
C8148	ECJ0EB1A104K	S.M.CAP	10V	100nF
C8149	F1H0J1050013	CERAMIC	6.3V	1μF
C8150	ECJ0EB1C103K	S.M.CAP	16V	10nF

Cct Ref	Parts Number	Description		
C8151	ECJ0EB1A104K	S.M.CAP	10V	100nF
C8154	ECJ0EB1A104K	S.M.CAP	10V	100nF
C8155	ECJ0EB1A104K	S.M.CAP	10V	100nF
C8156	ECJ0EB1A104K	S.M.CAP	10V	100nF
C8157	ECJ0EB1C103K	S.M.CAP	16V	10nF
C8160	ECJ0EB1A104K	S.M.CAP	10V	100nF
C8161	ECJ0EB1C103K	S.M.CAP	16V	10nF
C8162	ECJ0EB1C103K	S.M.CAP	16V	10nF
C8163	ECJ0EB1C103K	S.M.CAP	16V	10nF
C8164	ECJ0EB1C103K	S.M.CAP	16V	10nF
C8165	ECJ0EB1A104K	S.M.CAP	10V	100nF
C8166	ECJ0EB1C103K	S.M.CAP	16V	10nF
C8167	ECJ0EB1A104K	S.M.CAP	10V	100nF
C8168	ECJ0EB1C103K	S.M.CAP	16V	10nF
C8169	EEH0B0G470R	ELECT	4V	47μF
C8170	ECJ0EF1C104Z	S.M.CAP	16V	100nF
C8171	ECJ0EB1A104K	S.M.CAP	10V	100nF
C8172	EEH0B0G470R	ELECT	4V	47μF
C8173	ECJ0EB1C103K	S.M.CAP	16V	10nF
C8174	ECJ0EB1C103K	S.M.CAP	16V	10nF
C8175	ECJ0EB1C103K	S.M.CAP	16V	10nF
C8176	ECJ0EF1C104Z	S.M.CAP	16V	100nF
C8182	ECJ0EC1H121J	S.M.CAP	50V	120pF
C8186	ECJ0EC1H680J	S.M.CAP	50V	68pF
C8189	ECJ0EF1C104Z	S.M.CAP	16V	100nF
C8190	ECJ0EF1C104Z	S.M.CAP	16V	100nF
C8191	ECJ0EF1C104Z	S.M.CAP	16V	100nF
C8192	ECJ0EF1C104Z	S.M.CAP	16V	100nF
C8193	F2G0J101A019	ELECT	6.3V	100μF
C8202	F2G1C470A022	ELECT	16V	47μF
C8203	F2G1C470A022	ELECT	16V	47μF
C8204	ECJ3YB1C106M	S.M.CAP	16V	10μF
C8205	ECJ0EB1A104K	S.M.CAP	10V	100nF
C8206	ECJ0EB1A104K	S.M.CAP	10V	100nF
C8207	F2G1C470A022	ELECT	16V	47μF
C8208	ECJ3YB1C106M	S.M.CAP	16V	10μF
C8210	ECJ0EB1A333K	S.M.CAP	10V	33nF
C8212	ECJ0EB1C223K	S.M.CAP	16V	22nF
C8240	F1H0J1050013	CERAMIC	6.3V	1μF
C8268	F1H0J1050013	CERAMIC	6.3V	1μF
C8269	ECJ0EB1A104K	S.M.CAP	10V	100nF
C8303	ECJ0EB1C103K	S.M.CAP	16V	10nF
C8305	ECJ0EB1C103K	S.M.CAP	16V	10nF
C8306	ECJ0EB1C103K	S.M.CAP	16V	10nF
C8314	ECJ0EF1C104Z	S.M.CAP	16V	100nF
C8315	ECJ2FF1A475Z	S.M.CAP	10V	4.7μF
C8317	ECJ2FF1A475Z	S.M.CAP	10V	4.7μF
C8318	ECJ2FF1A475Z	S.M.CAP	10V	4.7μF
C8319	ECJ0EF1C104Z	S.M.CAP	16V	100nF
C8320	F1H0J1050013	CERAMIC	6.3V	1μF
C8321	F1H0J1050013	CERAMIC	6.3V	1μF
C8322	F1H0J1050013	CERAMIC	6.3V	1μF
C8323	F1H0J1050013	CERAMIC	6.3V	1μF
C8327	F2G0J470A019	ELECT	6.3V	47μF
C8329	ECJ0EB1C103K	S.M.CAP	16V	10nF
C8330	ECJ0EC1H181J	S.M.CAP	50V	180pF
C8331	ECJ0EC1H181J	S.M.CAP	50V	180pF
C8332	ECJ0EB1C103K	S.M.CAP	16V	10nF
C8334	ECJ0EC1H330J	S.M.CAP	50V	33pF
C8335	ECJ0EC1H330J	S.M.CAP	50V	33pF
C8340	ECJ0EB1C682K	S.M.CAP	16V	6.8nF
C8341	ECJ0EB1C822K	S.M.CAP	16V	8.2nF
C8342	ECGRLOG680ER	ELECT	4V	68μF
C8343	ECGRLOG680ER	ELECT	4V	68μF
C8344	ECJ1VB1H332K	S.M.CAP	50V	3.3nF
C8345	ECJ0EB1C153K	S.M.CAP	16V	15nF

Cct Ref	Parts Number	Description		
C8349	ECJ0EB1A104K	S.M.CAP	10V	100nF
C8350	ECJ0EF1C104Z	S.M.CAP	16V	100nF
C8351	ECJ0EF1C104Z	S.M.CAP	16V	100nF
C8361	F2G1C470A022	ELECT	16V	47µF
C8372	ECJ0EB1A104K	S.M.CAP	10V	100nF
C8376	ECJ0EB1A104K	S.M.CAP	10V	100nF
C8397	ECJ0EB1A104K	S.M.CAP	10V	100nF
C8401	ECJ0EB1C103K	S.M.CAP	16V	10nF
C8403	ECJ0EF1C104Z	S.M.CAP	16V	100nF
C8404	ECJ0EF1C104Z	S.M.CAP	16V	100nF
C8406	ECJ0EF1C104Z	S.M.CAP	16V	100nF
C8409	ECJ0EF1C104Z	S.M.CAP	16V	100nF
C8410	ECJ0EB1A104K	S.M.CAP	10V	100nF
C8413	ECJ0EF1C104Z	S.M.CAP	16V	100nF
C8414	ECJ0EF1C104Z	S.M.CAP	16V	100nF
C8416	ECJ0EF1C104Z	S.M.CAP	16V	100nF
C8417	ECJ0EF1C104Z	S.M.CAP	16V	100nF
C8419	ECJ0EF1C104Z	S.M.CAP	16V	100nF
C8421	ECJ0EB1C103K	S.M.CAP	16V	10nF
C8423	ECJ0EB1A104K	S.M.CAP	10V	100nF
C8424	ECJ0EF1C104Z	S.M.CAP	16V	100nF
C8425	ECJ0EB1A104K	S.M.CAP	10V	100nF
C8427	F2G1A101A019	ELECT	10V	100µF
C8428	ECJ0EF1C104Z	S.M.CAP	16V	100nF
C8430	ECJ0EF1C104Z	S.M.CAP	16V	100nF
C8431	ECJ0EF1C104Z	S.M.CAP	16V	100nF
C8432	ECJ0EF1C104Z	S.M.CAP	16V	100nF
C8433	ECJ0EB1C103K	S.M.CAP	16V	10nF
C8434	ECJ0EB1C103K	S.M.CAP	16V	10nF
C8467	ECJ0EB1C103K	S.M.CAP	16V	10nF
C8501	ECJ0EC1H180J	S.M.CAP	50V	18pF
C8502	ECJ0EC1H180J	S.M.CAP	50V	18pF
C8504	ECJ1VF1A105	S.M.CAP	10V	1µF
C8506	ECJ2VF1C105Z	S.M.CAP	16V	1µF
C8507	ECJ1VC1H102J	S.M.CAP	50V	1nF
C8508	ECJ1VF1C334	S.M.CAP	16V	330nF
C8509	F2G0J101A019	ELECT	6.3V	100µF
C8870	ECJ1VC1H471J	S.M.CAP	50V	470pF
C8872	ECJ2FB0J225K	S.M.CAP	6.3V	2.2µF
C8910	ECJ0EB1C103K	S.M.CAP	16V	10nF
TERMINALS AND LINKS				
.	K9ZZ00000424	EARTH LUG		
A1	K1KA15AA0288	15P CONNECTOR		
A2	K1KA30AA0250	30P CONNECTOR		
A2-PANEL	TXJTA2AENE	A2-PANEL WIRE		
A4	K1KA08BA0047	8P CONNECTOR		
A5	K1KA05AA0192	5P CONNECTOR		
A6	K1KA04AA0192	4P CONNECTOR		
A6-H2	TXAJTY3BYXG	A6-H2 WIRE		
A7	K1KB23A00003	23P CONNECTOR		
A8	K1KA06AA0192	6P CONNECTOR		
A8-V2	TXAJTA8AEME	A8 - V2		
A10	K1KA03AA0192	3P CONNECTOR		
A11	K1KBB0A00006	110P CONNECTOR		
A12	K1KA08AA0192	8P CONNECTOR		
A12-H1	TXAJTM3BMWGW	A12-H1 WIRE		
A13	K1KA04AA0192	4P CONNECTOR		
A13-P4	TXJ/P4AEOE	A13 - P4		
B2	K1KA08BA0061	8P CONNECTOR		
H1	K1KA08BA0055	8P CONNECTOR		
H2	K1KA04BA0055	4P CONNECTOR		
JK3000	CS-116B	SCART SOCKET		
JK3001	K2HA306A0029	YUV TERMINAL		
JK3002	K2HA204A0047	AUDIO TERMINAL		
JK3050	CS-116B	SCART SOCKET		
JK3600	K4BK23B00004	AV TERMINAL		

Cct Ref	Parts Number	Description		
JK5000	K1FA119D0001	HDMI CONNECTOR		
JK5001	K1FA119D0001	HDMI CONNECTOR		
JK8401	K1NA68B00042	CI SLOT		
K1	K1KA03A00537	3P CONNECTOR		
P1-K3	TXAJTP1AENE	P1-K3		
P2	K1KA23A00003	23P CONNECTOR		
P3	K1KA08AA0192	8P CONNECTOR		
P4	K1KA04AA0192	4P CONNECTOR		
TUN-TUN	TXAJTT1EKBG1	TUNER TO TUNER		
V2	K1KA06BA0055	6P CONNECTOR		
XV01	K1KAB0A00011	110P CONNECTOR		
SWITCHES				
SW800	ESB92DA1B	SWITCH		
RELAYS				
RL850	9-1419125-7	RELAY		
DIFFERENCES FOR MODEL TX--26LXD60				
EXPLODED VIEW				
19	A-26LXD60	A P.C.B.		
20	TNP8EBL50AB	B P.C.B.		
21	TKU0E0156	BACK COVER		
22	TTY0E0095	CABINET		
23	TNP8EHL50AB	H P.C.B.		
24	TNP8EKL50AB	K P.C.B.		
25	TKZ0E9327	LCD BOTTOM MTG		
26	L5EDD6Q00013	LCD PANEL		
27	TKZ0E9328	LCD TOP MTG		
28	TBM0E0574	MODEL LABEL		
29	TKZ0E9325	MOUNTING METAL		
30	TNP8EPL50AB	P P.C.B.		
MISCELLANEOUS COMPONENTS				
.	TPC0E64301	CARTON		
I.C.s				
IC1120	GLP21/2A01U	EAROM 24C32ANSU27T		
TRANSFORMERS				
T801	ETS42LZ156AD	TRANSFORMER		
RESISTORS				
R822	D0D2R47KA003	WOUND	2W 10%	R47 Ω
R827	D0D2R47KA003	WOUND	2W 10%	R47 Ω
CAPACITORS				
C848	ECWF6333HLB	FILM	630V	33nF
TERMINALS AND LINKS				
A5-SP	TXAJTA5AENE	A5 - SP CONNECTOR		
P3/A4-PA	TXAJTA4AEME	P3/A4-PANEL		
DIFFERENCES FOR MODEL TX--32LXD60				
EXPLODED VIEW				
19	A-32LXD60	A P.C.B.		
20	TNP8EBL50AA	B P.C.B.		
21	TKU0E0155	BACK COVER		
22	TTY0E0094	CABINET		
23	TNP8EHL50AA	H P.C.B.		
24	TNP8EKL50AA	K P.C.B.		
25	TKZ0E9323	LCD BOTTOM MTG		
26	L5EDD8Q00019	LCD PANEL		
27	TKZ0E9324	LCD TOP MTG		
28	TBM0E0573	MODEL LABEL		
29	TKZ0E9321	MOUNTING METAL		
30	TNP8EPL50AA	P P.C.B.		

Cct Ref	Parts Number	Description
MISCELLANEOUS COMPONENTS		
.	TPC0E64201	CARTON
I.C.s		
IC1120	GLP21/3A01U	EAROM 24C32ANSU27T
TRANSFORMERS		
T801	ETS49LM146BD	TRANSFORMER 
RESISTORS		
R822	D0D2R33KA003	WOUND 2W 10% R33 Ω
R827	D0D2R33KA003	WOUND 2W 10% R33 Ω
CAPACITORS		
C848	ECWFF6473HLB	FILM 630V 47nF
TERMINALS AND LINKS		
A5-SP	TXAJTA5AEOE	A5 - SP CONNECTOR
P3/A4-PA	TXAJTA4AEOE	P3/A4-PANEL

Cct Ref	Parts Number	Description

[illegible]

SCHEMATIC DIAGRAMS FOR MODELS TX-32LXD60, TX-26LXD60 (GLP21 CHASSIS)

IMPORTANT SAFETY NOTICE

Components identified by  mark have special characteristics important for safety. When replacing any of these components, use only manufacturers' specified parts.

NOTE

1. RESISTOR
All resistors are carbon 1/4W resistor, unless marked otherwise.
Unit of resistance is OHM (Ω) (k=1,000, M=1,000,000)
2. CAPACITORS
All capacitors are ceramic 50V unless marked otherwise.
Unit of capacitance is μ F unless otherwise stated.
3. COIL
Unit of inductance is μ H, unless otherwise stated.
4. TEST POINT
 Test Point Position
5. EARTH SYMBOL
 Chassis Earth (Cold)
 Line Earth (Hot)
6. VOLTAGE MEASUREMENT
Voltage is measured by a D.C. voltmeter.
Measurement conditions are as follows:
Power source 220V-240V AC, 50Hz
Receiving Signal Colour Bar signal (RF)
All customer controls Maximum position

7.



Indicates the Video signal path



Indicates the Audio signal path

These schematic diagrams are the latest at time of printing and are subject to change without notice.

REMARKS

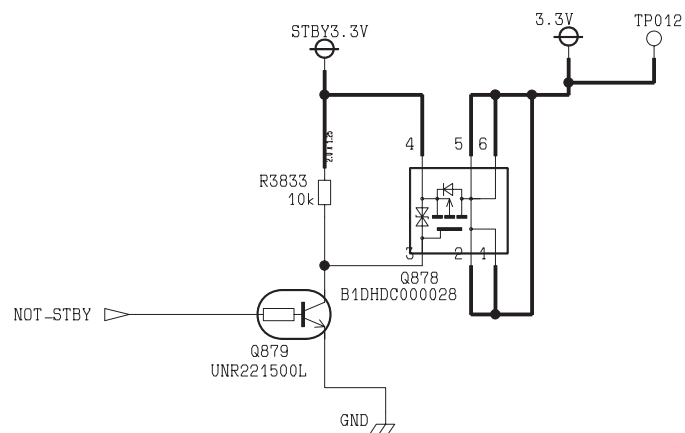
- a. Do not touch the hot part, or the hot and cold parts at the same time, as you are liable to a shock hazard.
- b. Do not short circuit the hot and cold circuits as electrical components may be damaged.
- c. Do not connect an instrument, such as an oscilloscope, to the hot and cold circuits simultaneously as this may cause fuse failure. Connect the earth of the instruments to the earth connection of the circuit being measured.
- d. Make sure to disconnect the power plug before removing the chassis.

NOTE

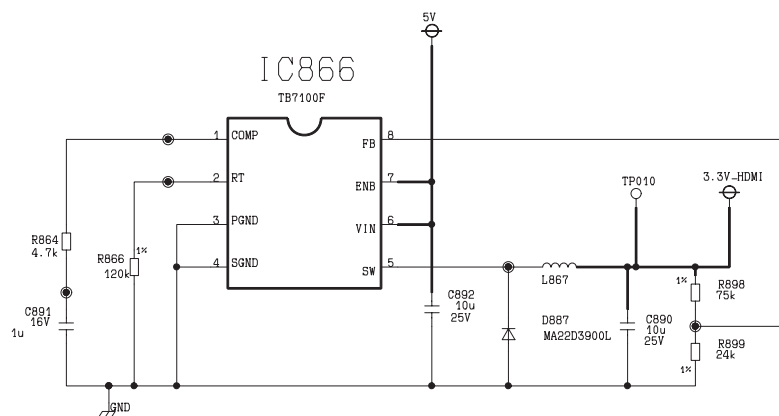
1. The Power Supply Circuit contains a circuit area, which uses a separate power supply to isolate the earth connection. The circuit is defined by HOT and COLD indications in the schematic diagram. All circuits, except the Power Circuit, are COLD.

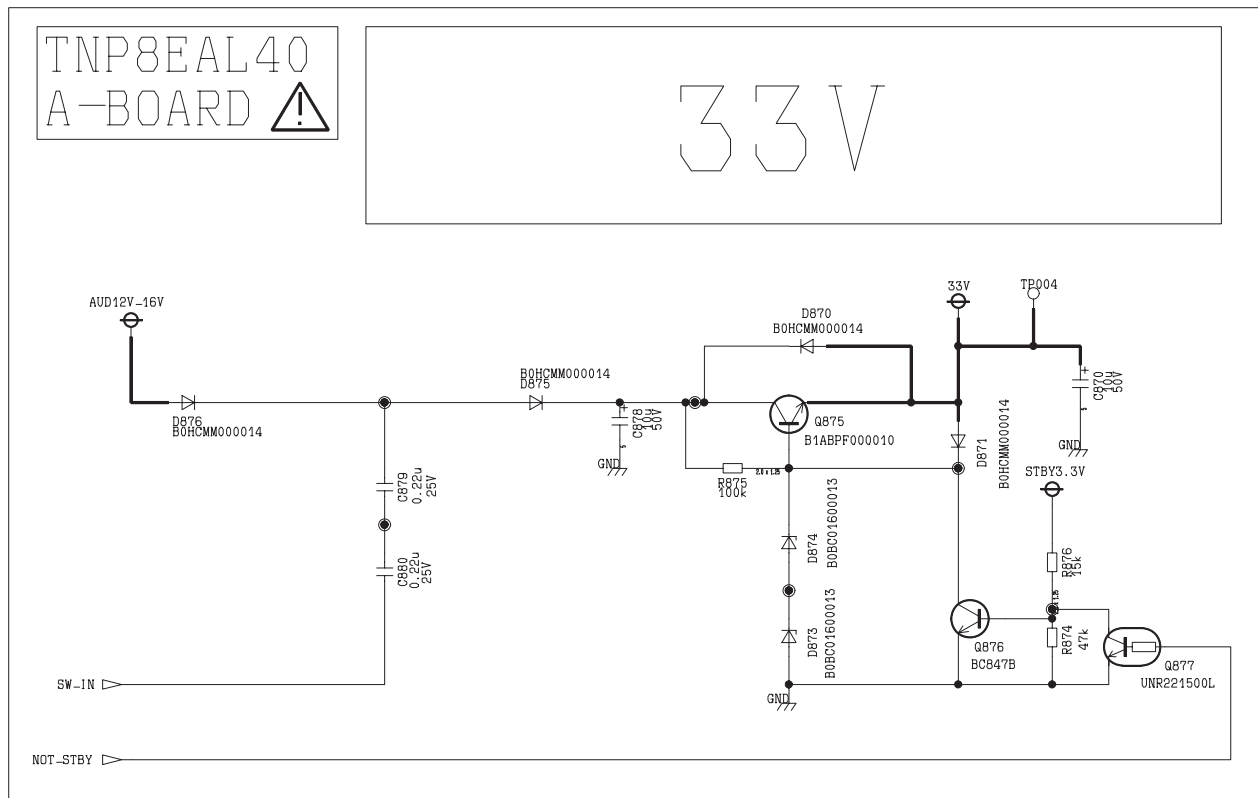
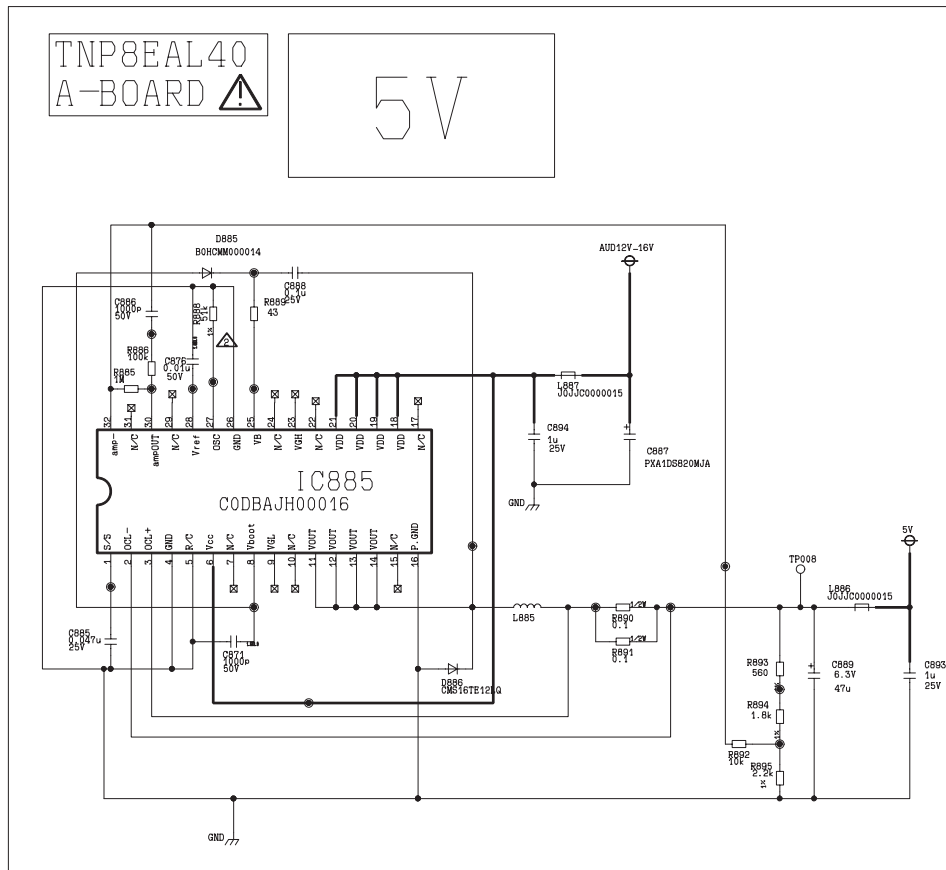


3V3



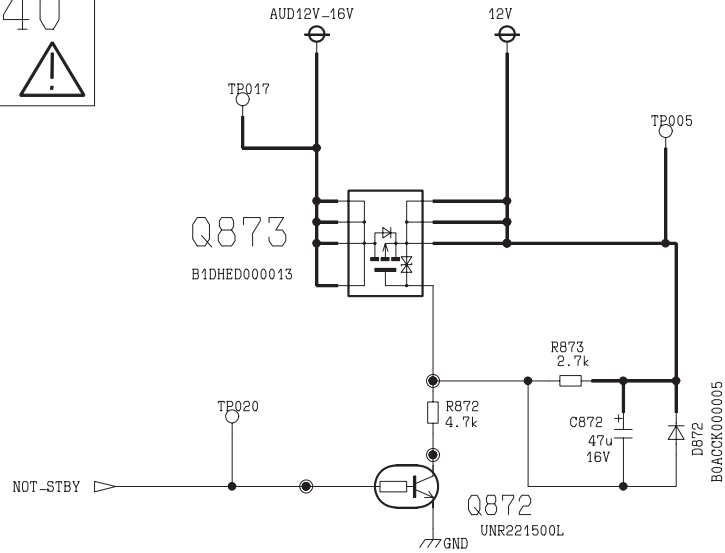
3V3-HDMI





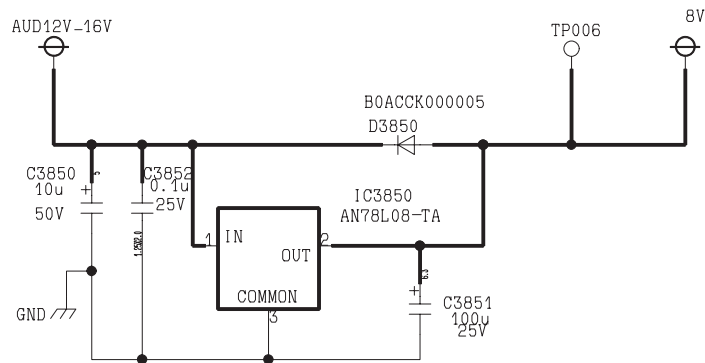
12V

TNP8EAL40
A-BOARD 



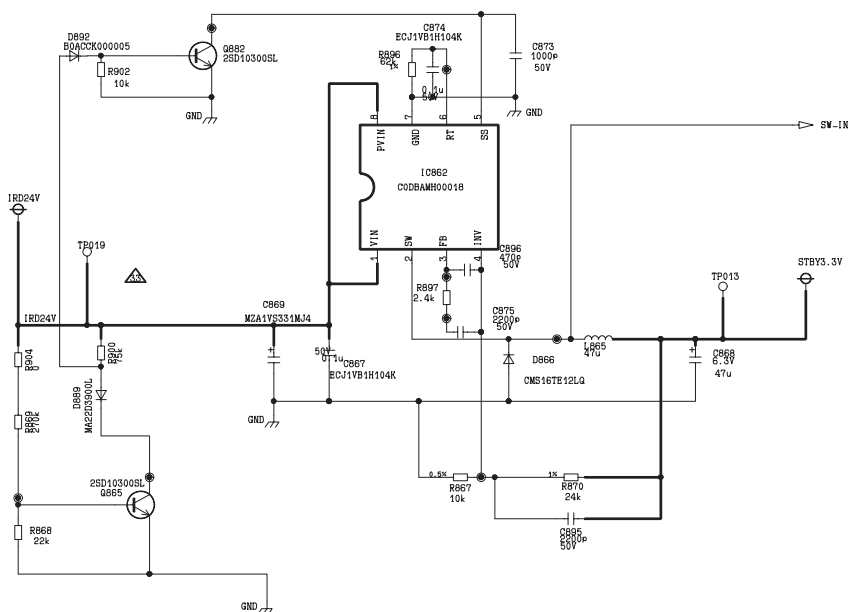
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8V

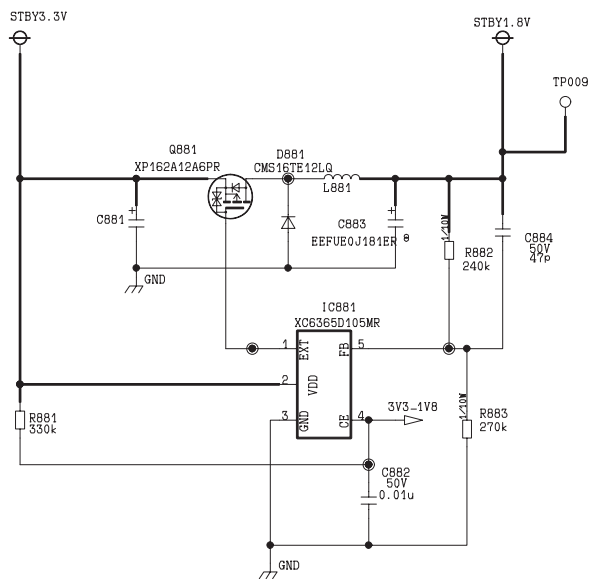




STBY3V3

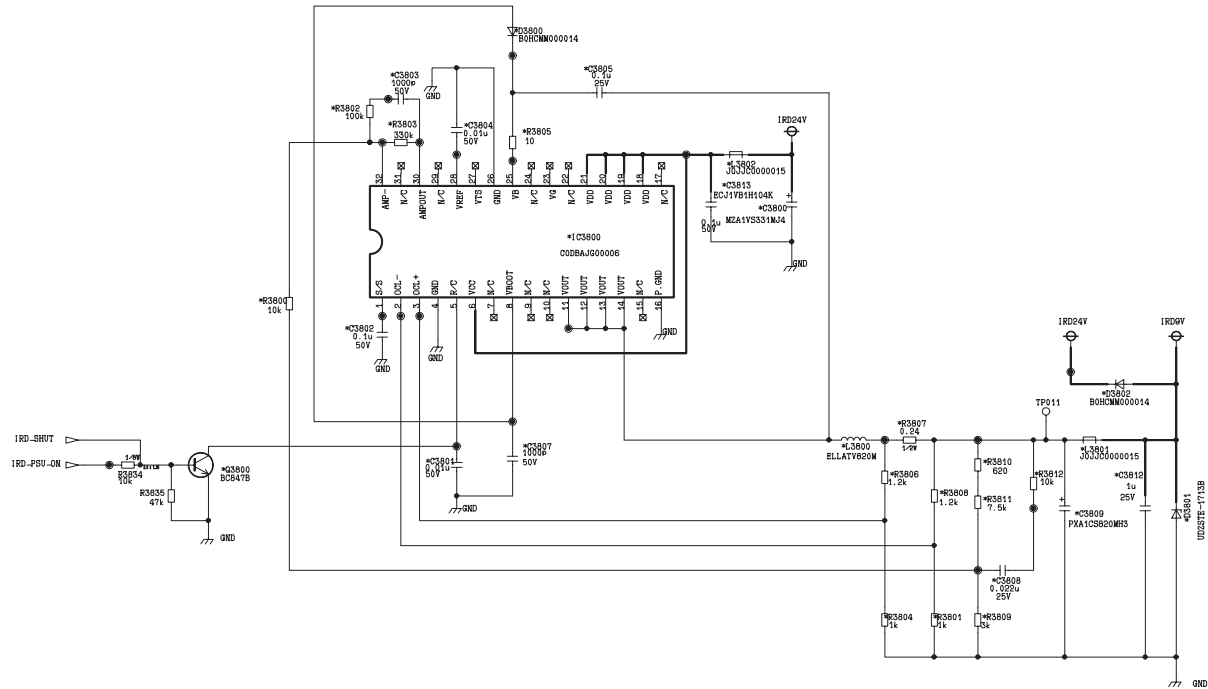


STBY1V8



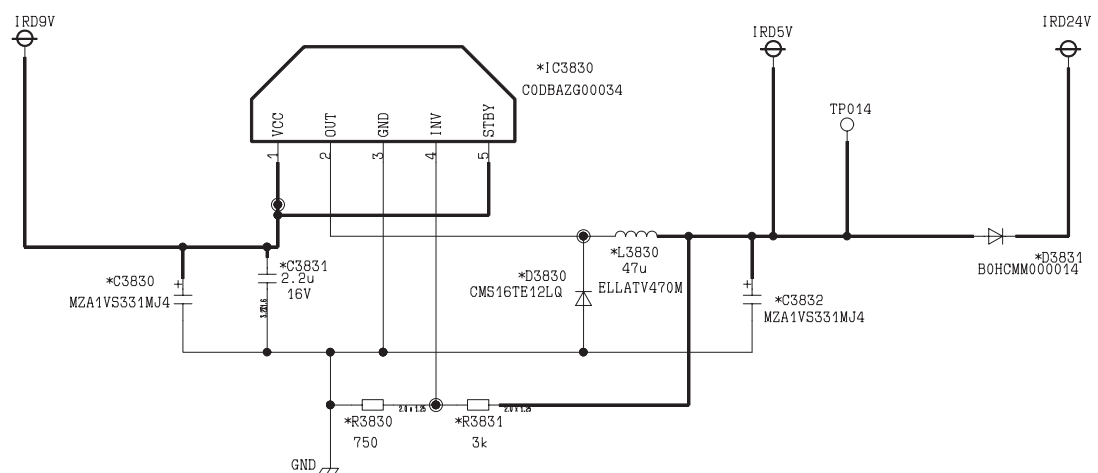
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A-BOARD ⚠

IRD11V

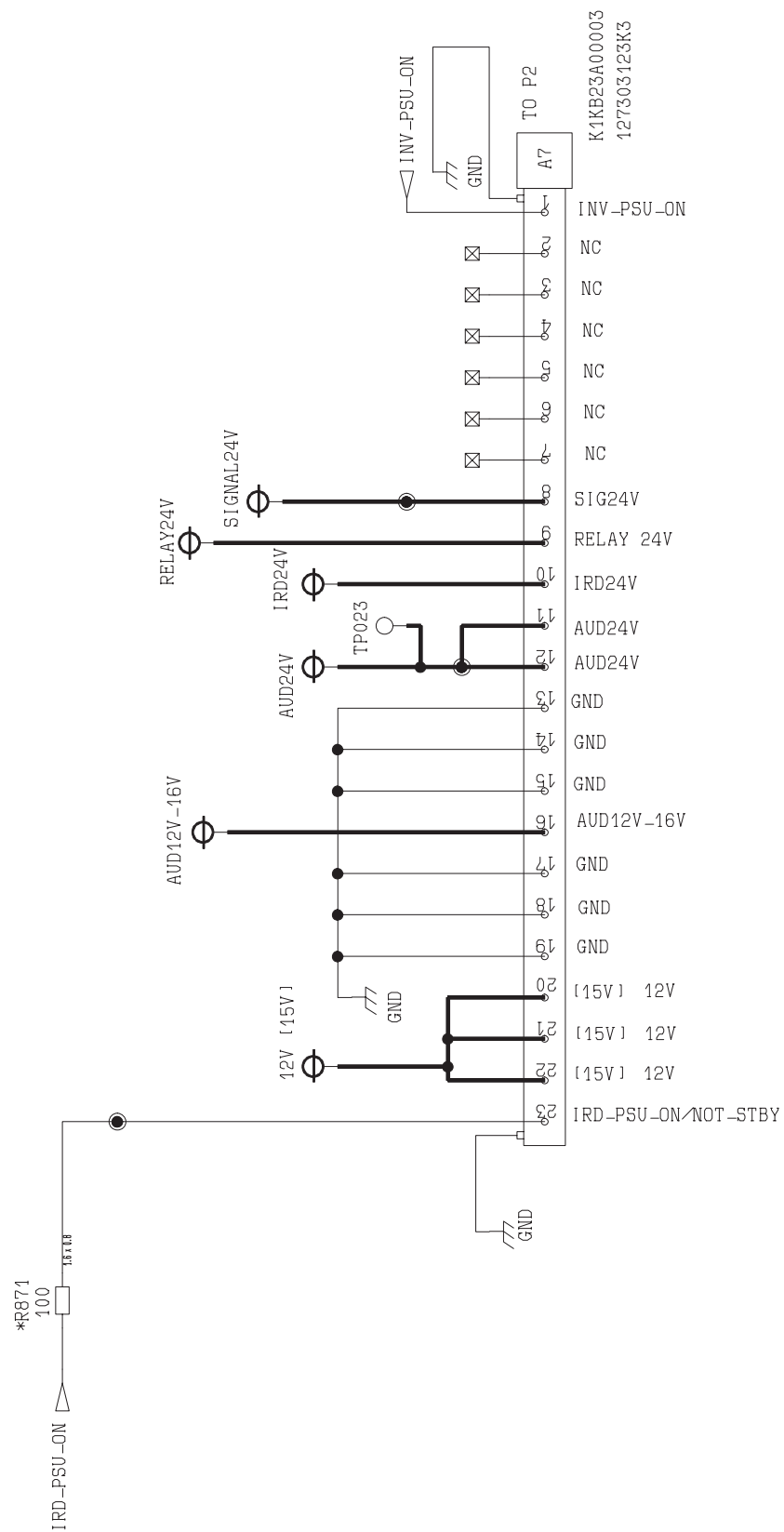


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A-BOARD ⚠

IRD5V



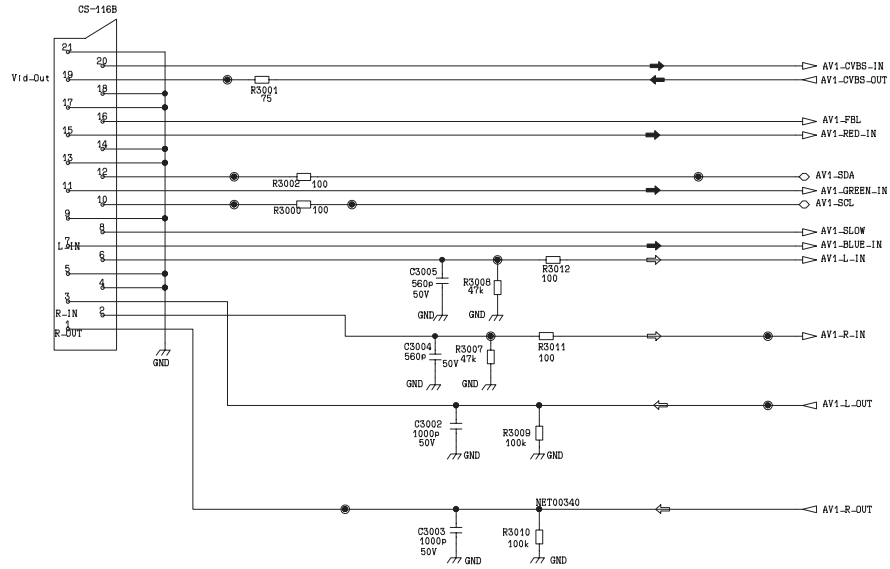
Value in brackets [] refers to model 26LXD60



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A-BOARD 

AV1

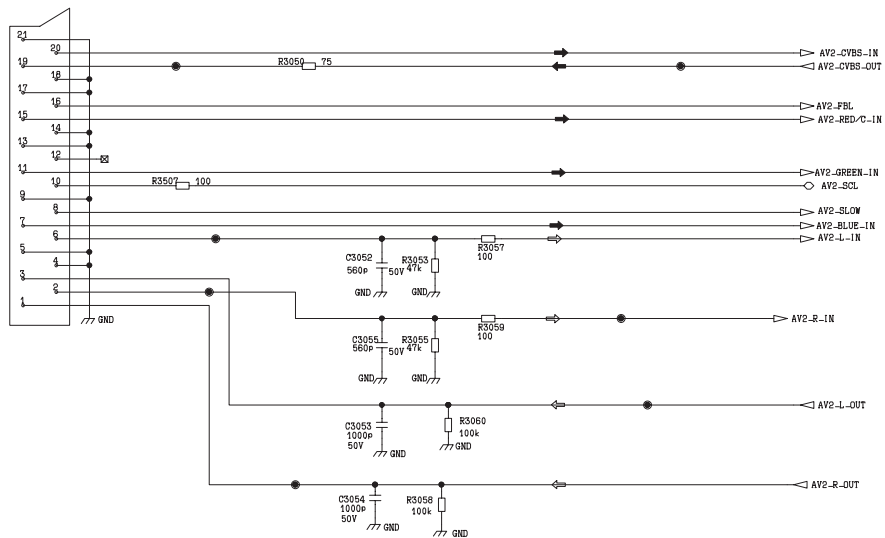
JK3000



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A-BOARD 

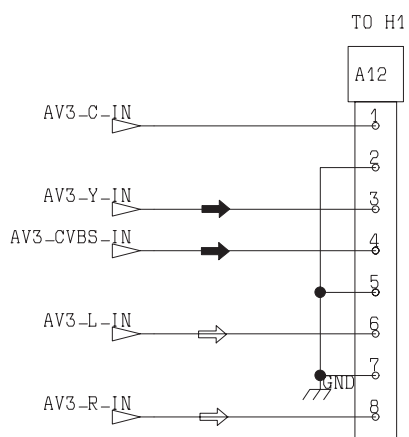
AV2

AV2
JK3050



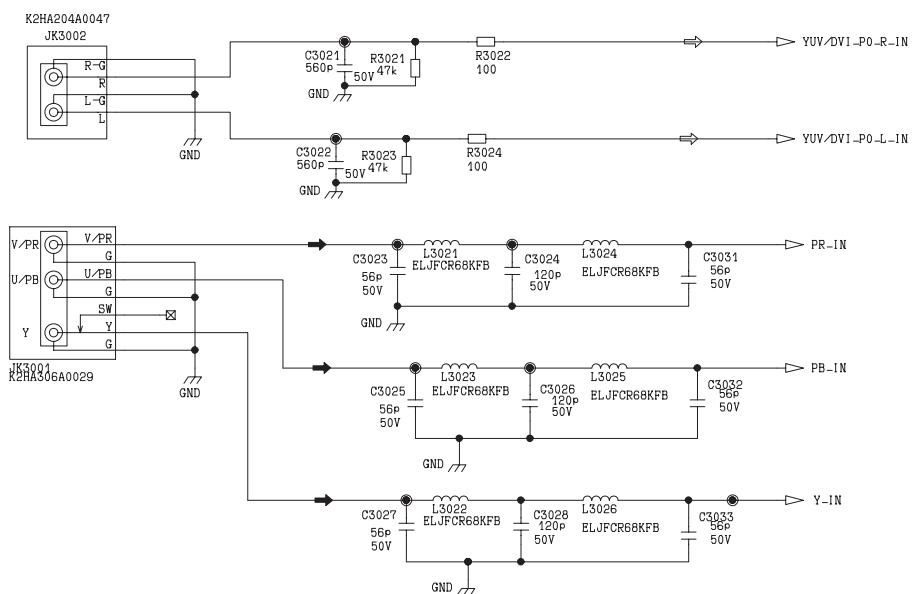
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A-BOARD 

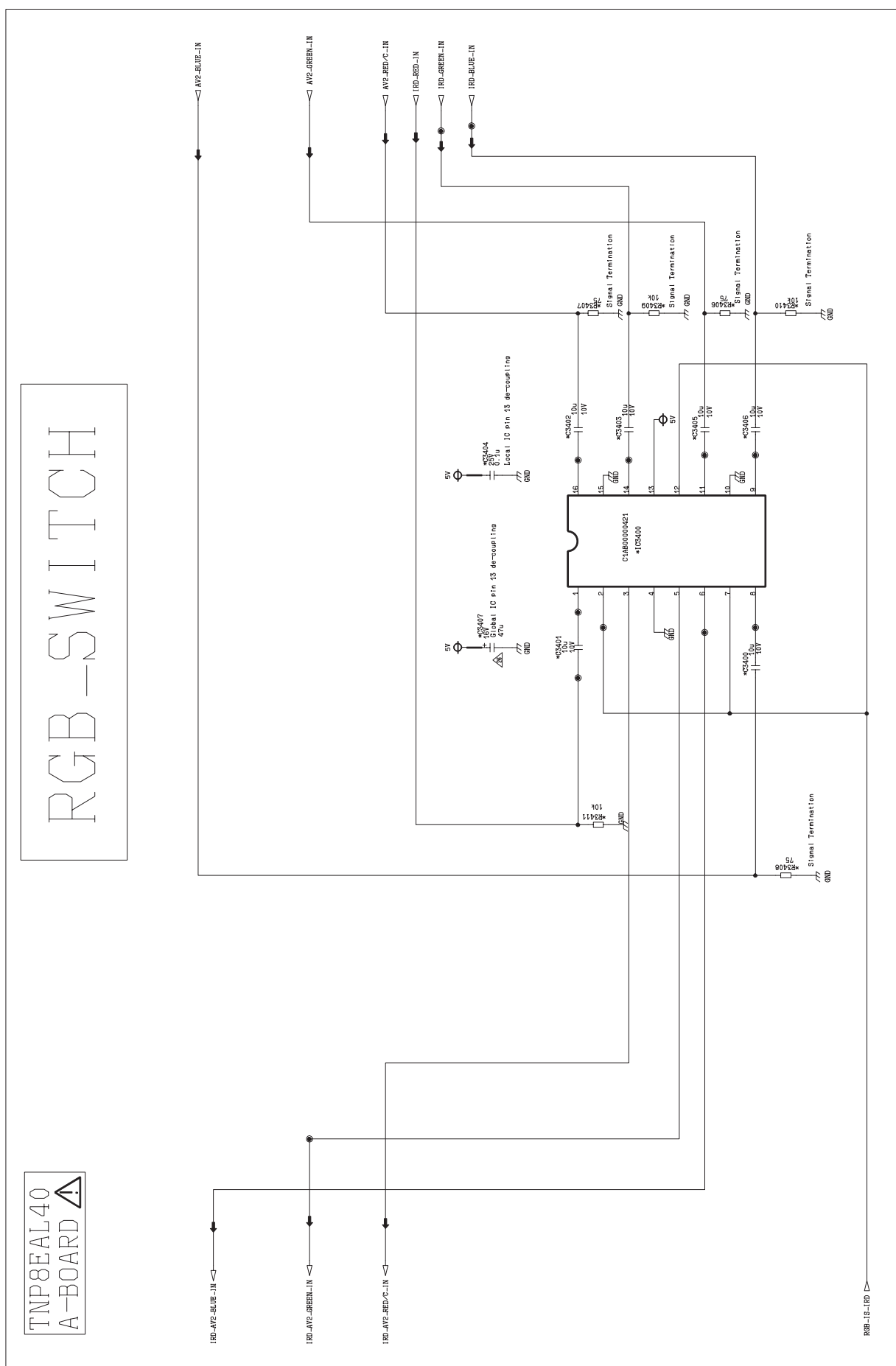
AV3



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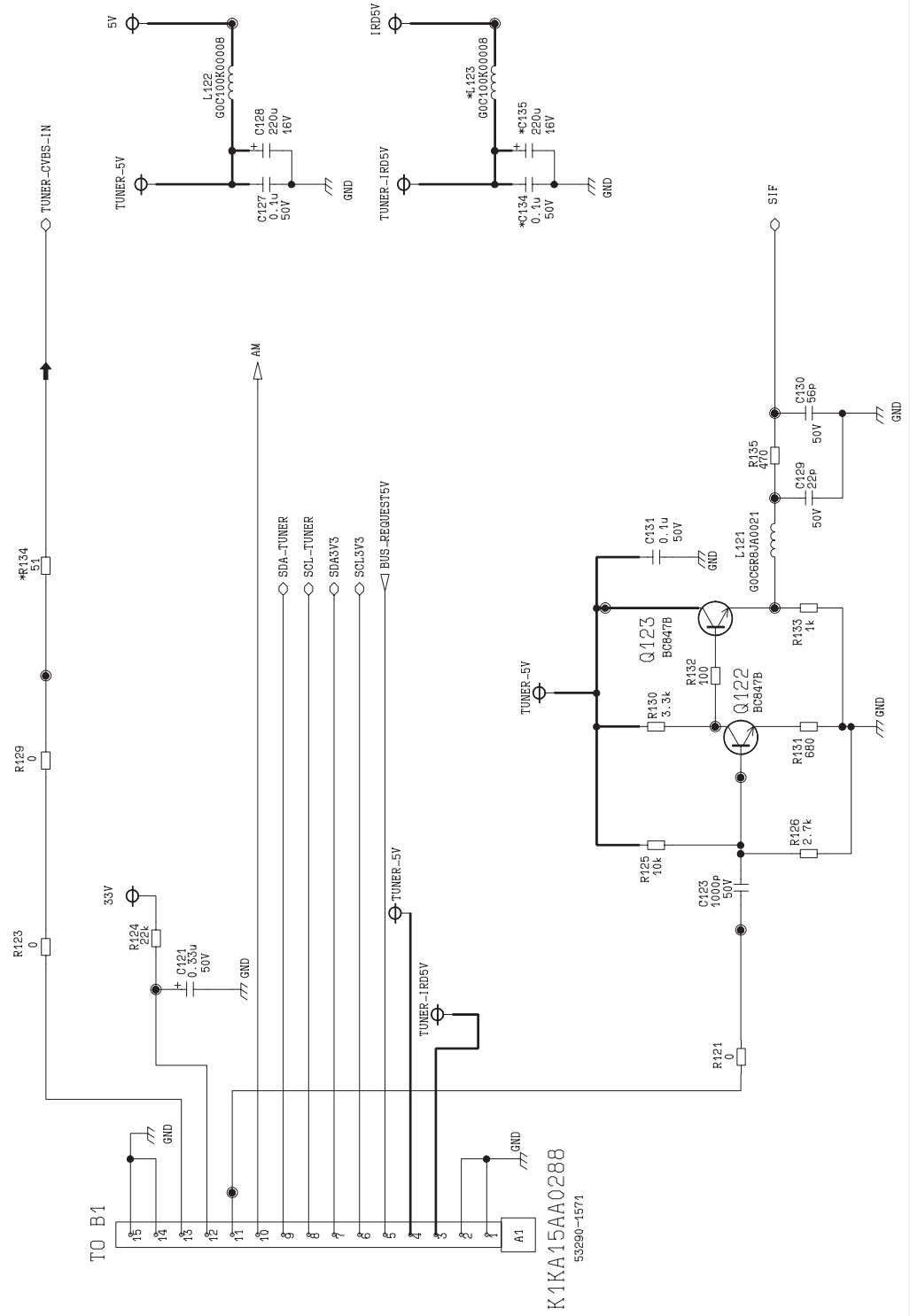
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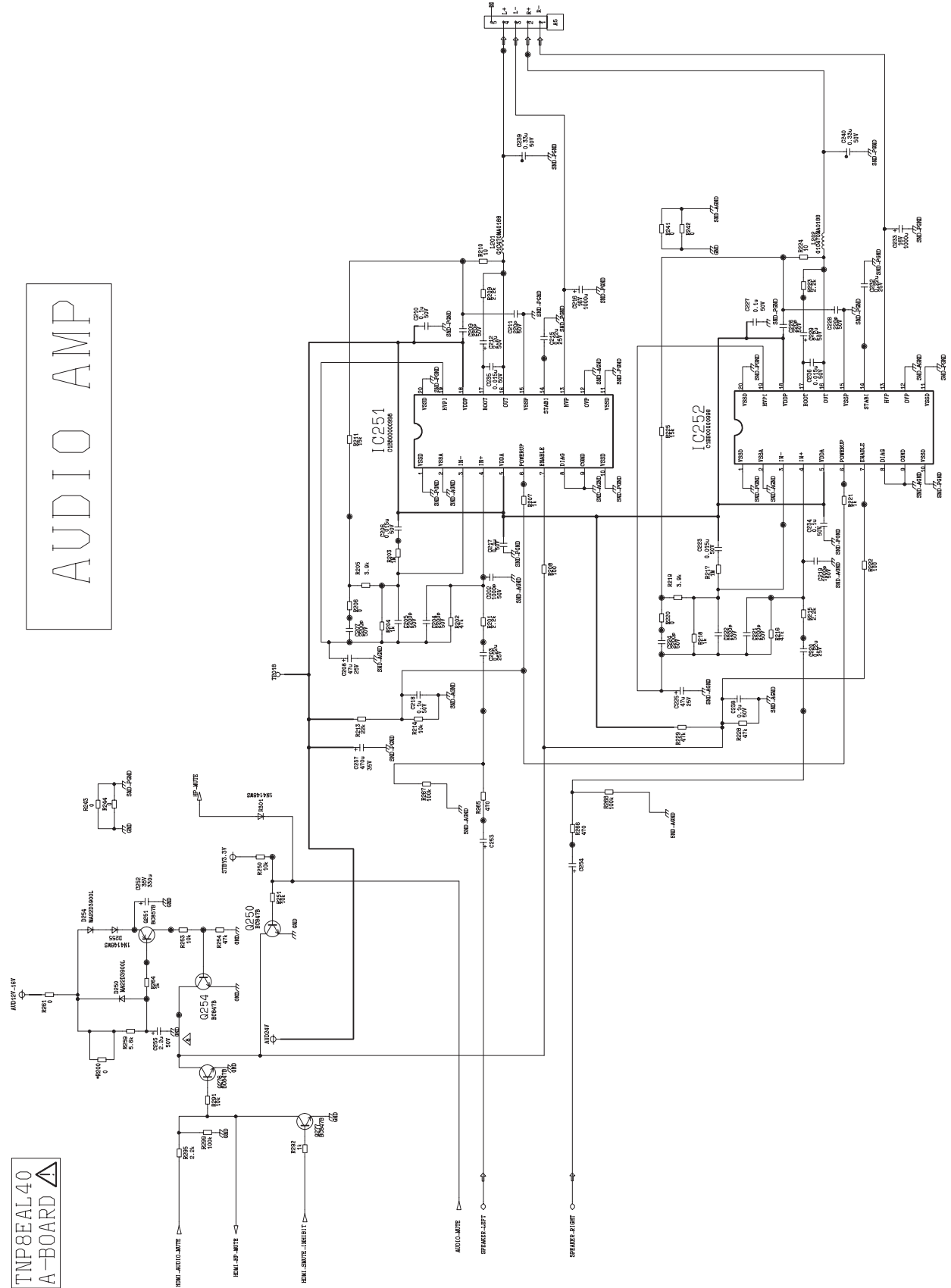




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A-BOARD

TUNER





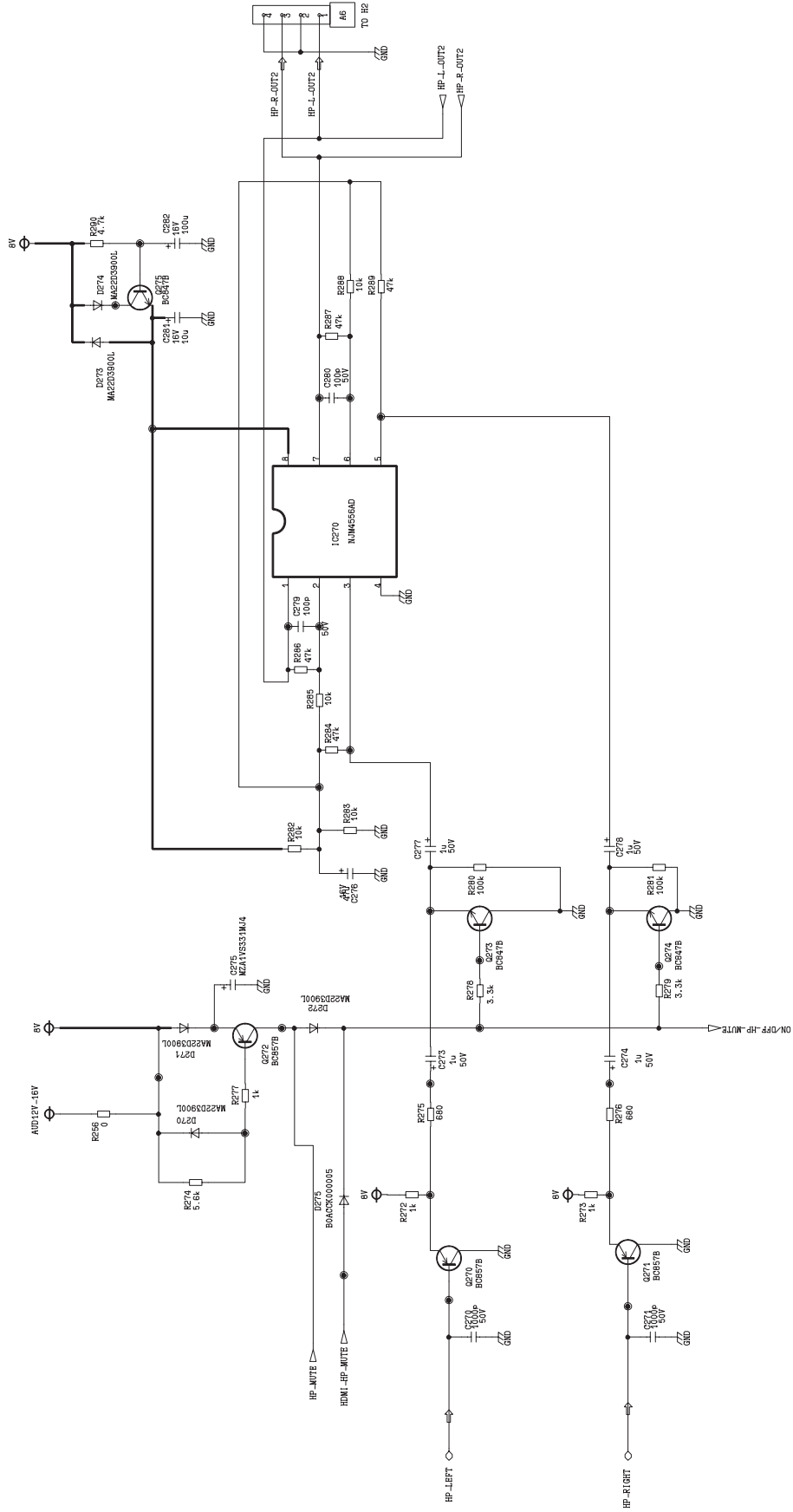
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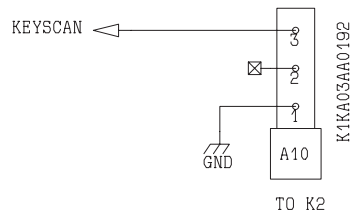
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A-BOARD

HEADPHONE-AMP



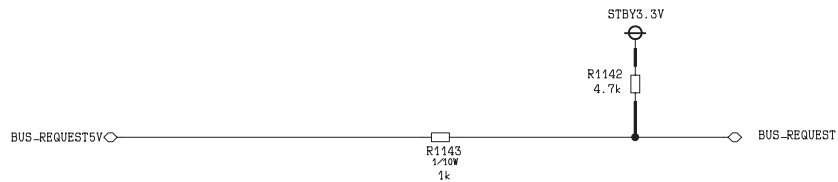
KEYSCAN

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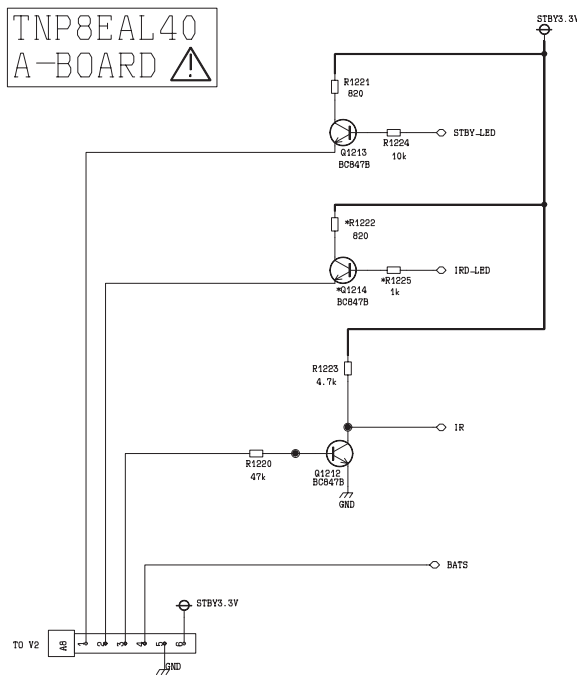


SERVICE

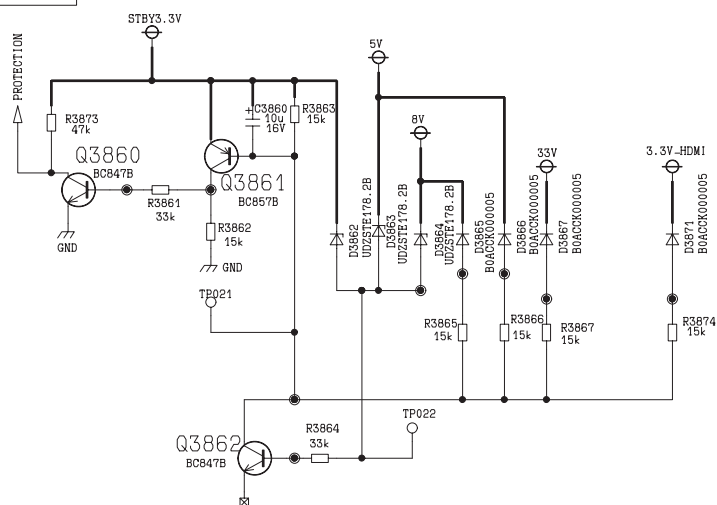
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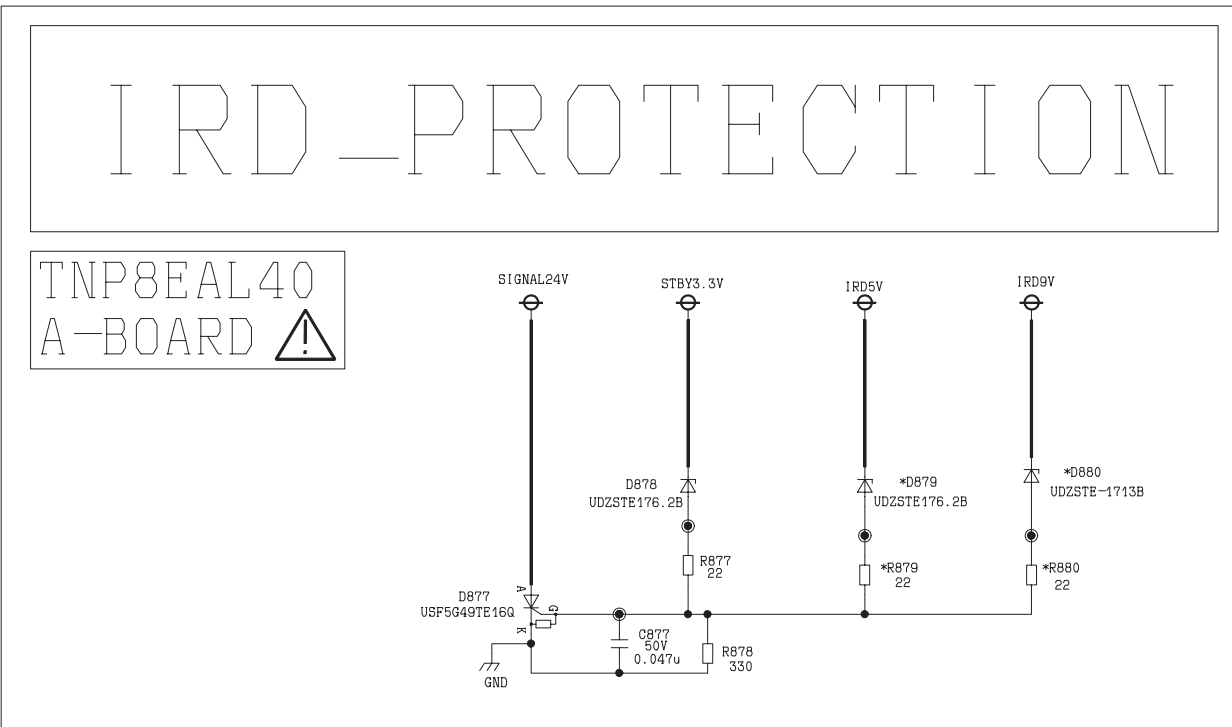
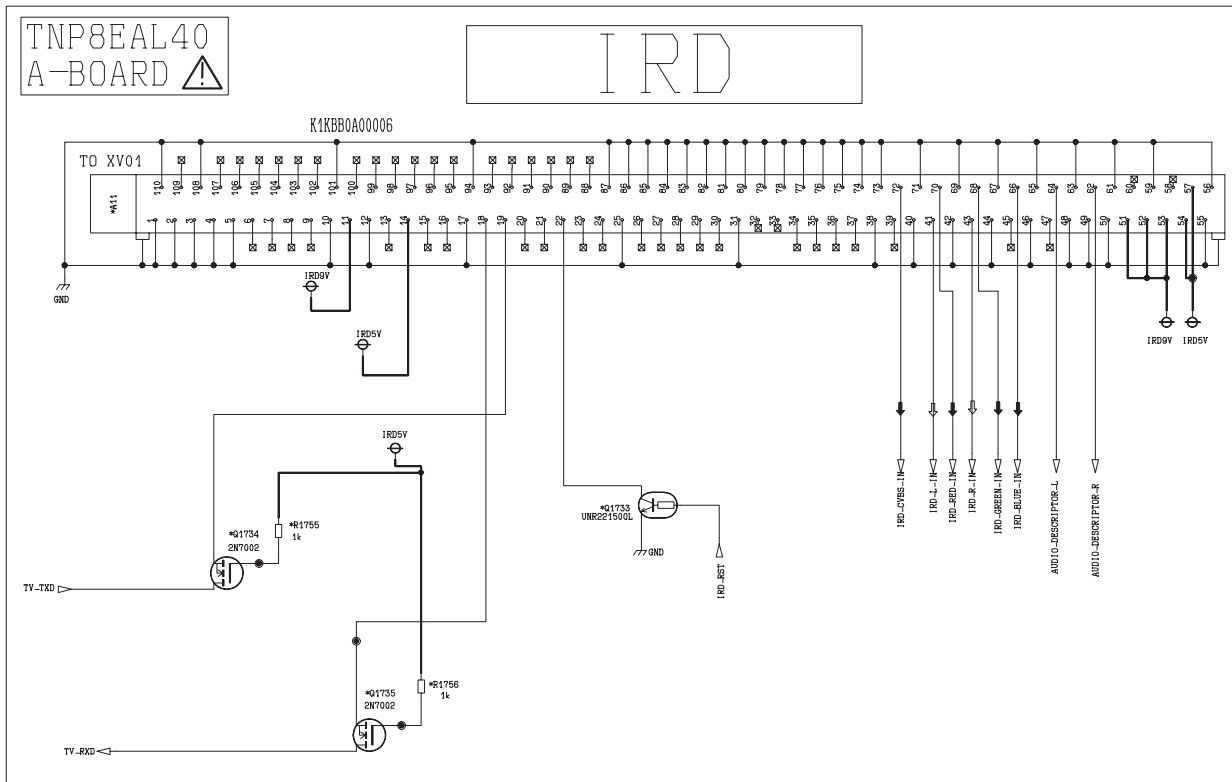


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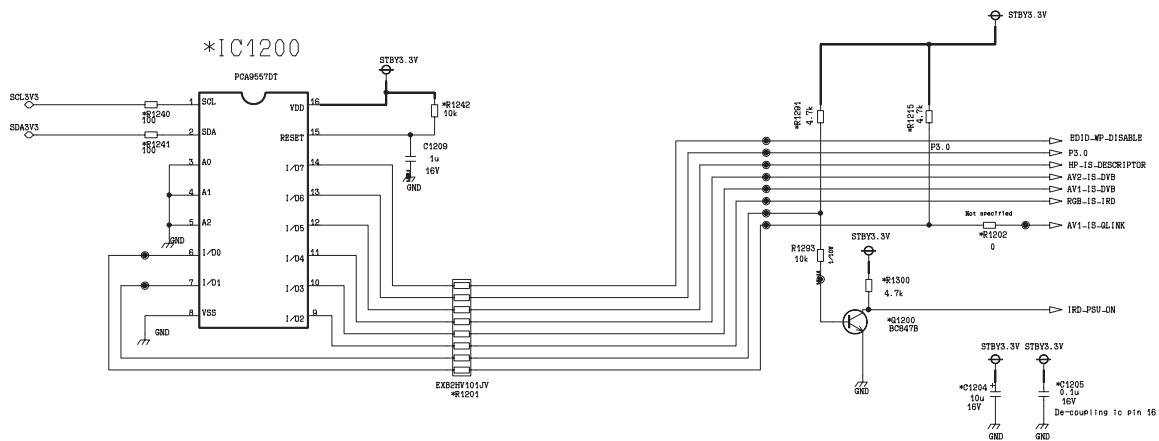


TNP8EAL40
A-BOARD

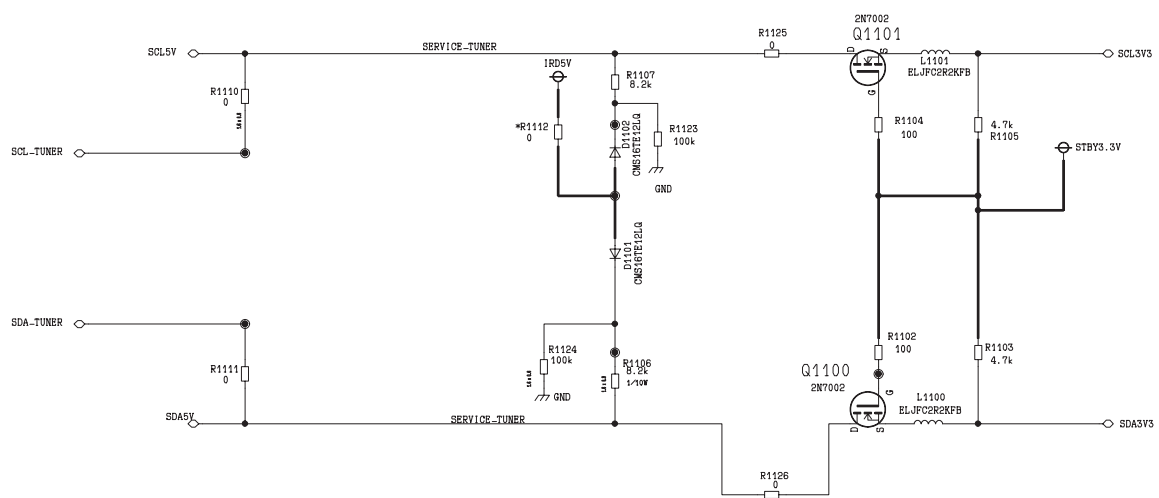




BUS EXPANDER

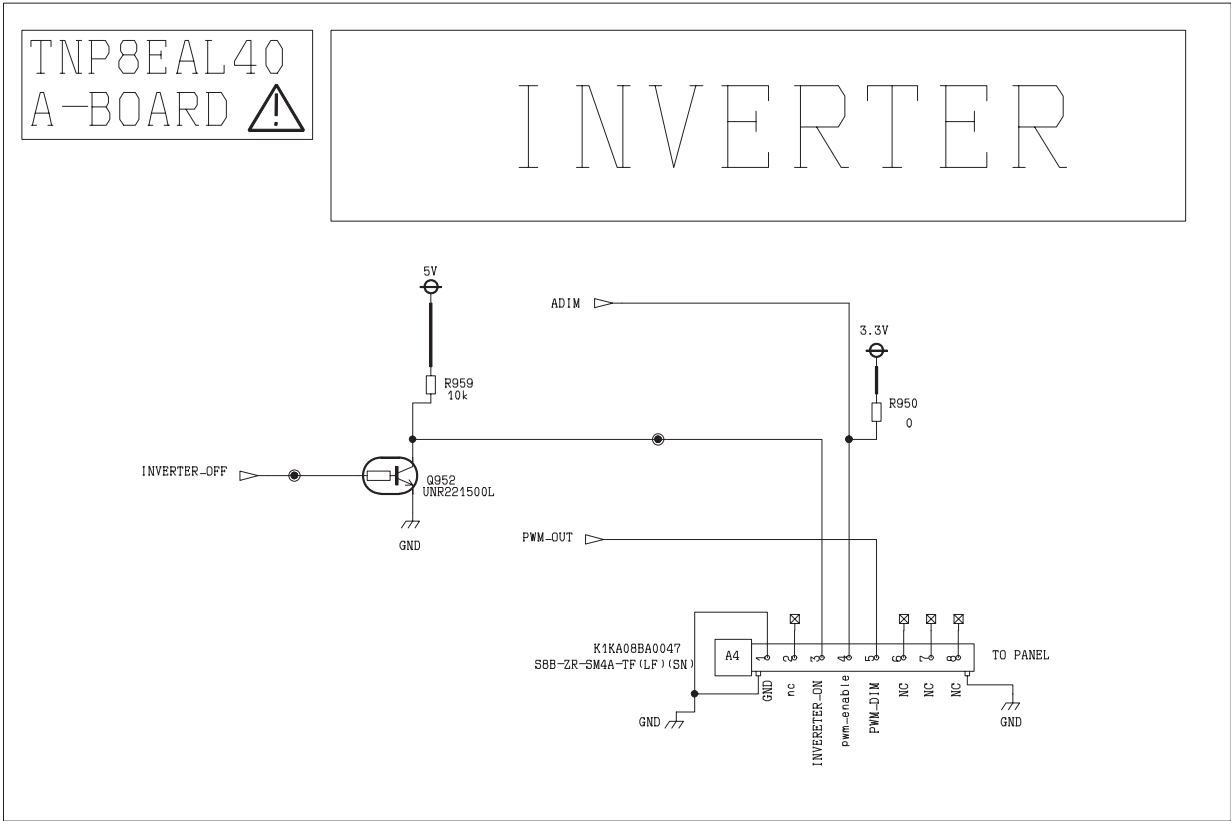


LEVEL-SHIFTER

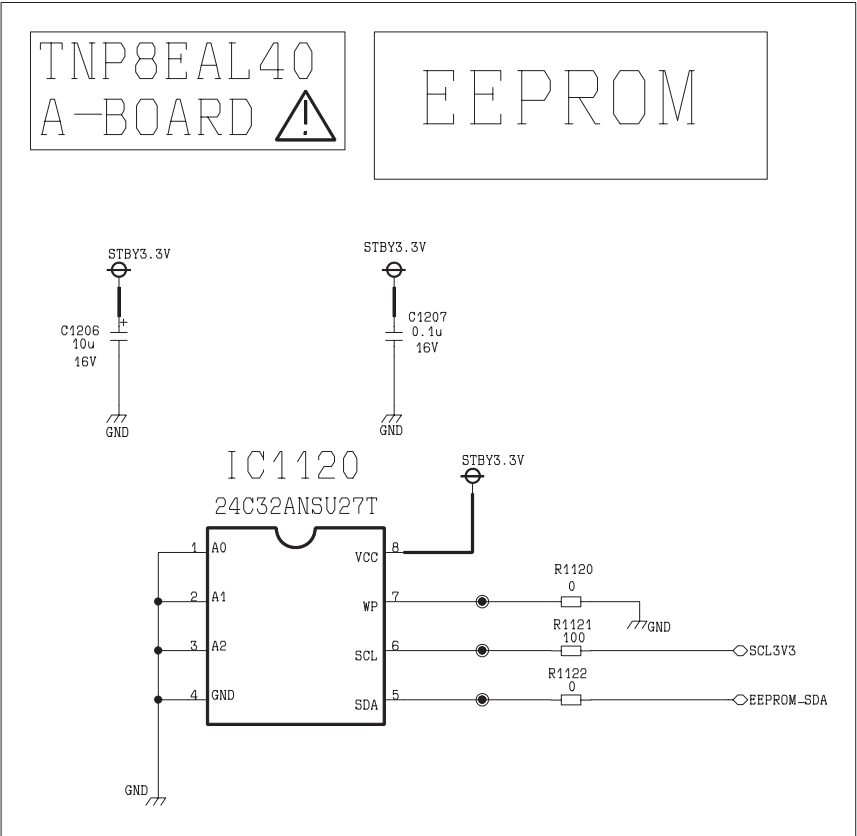


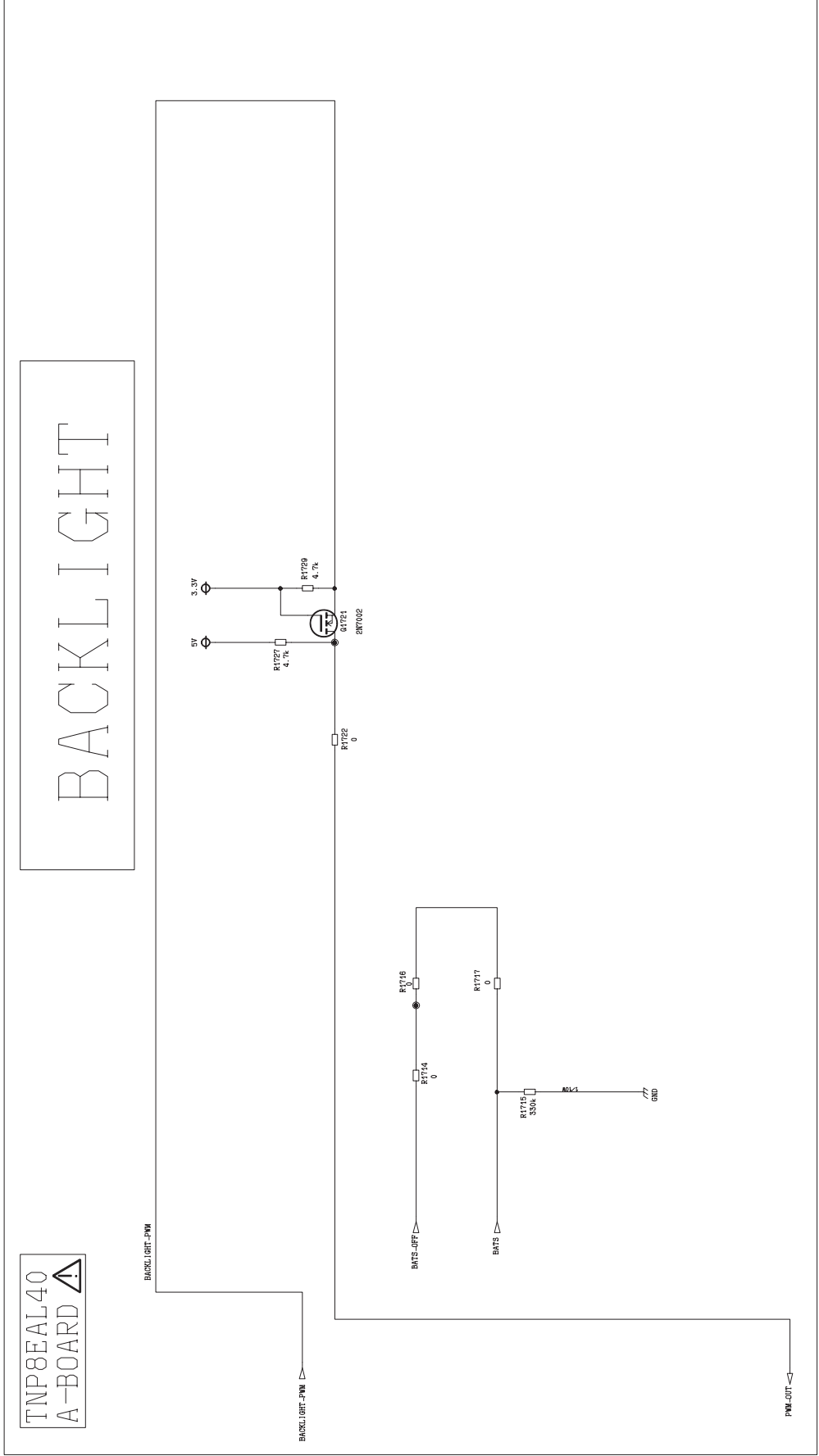


I N V E R T E R

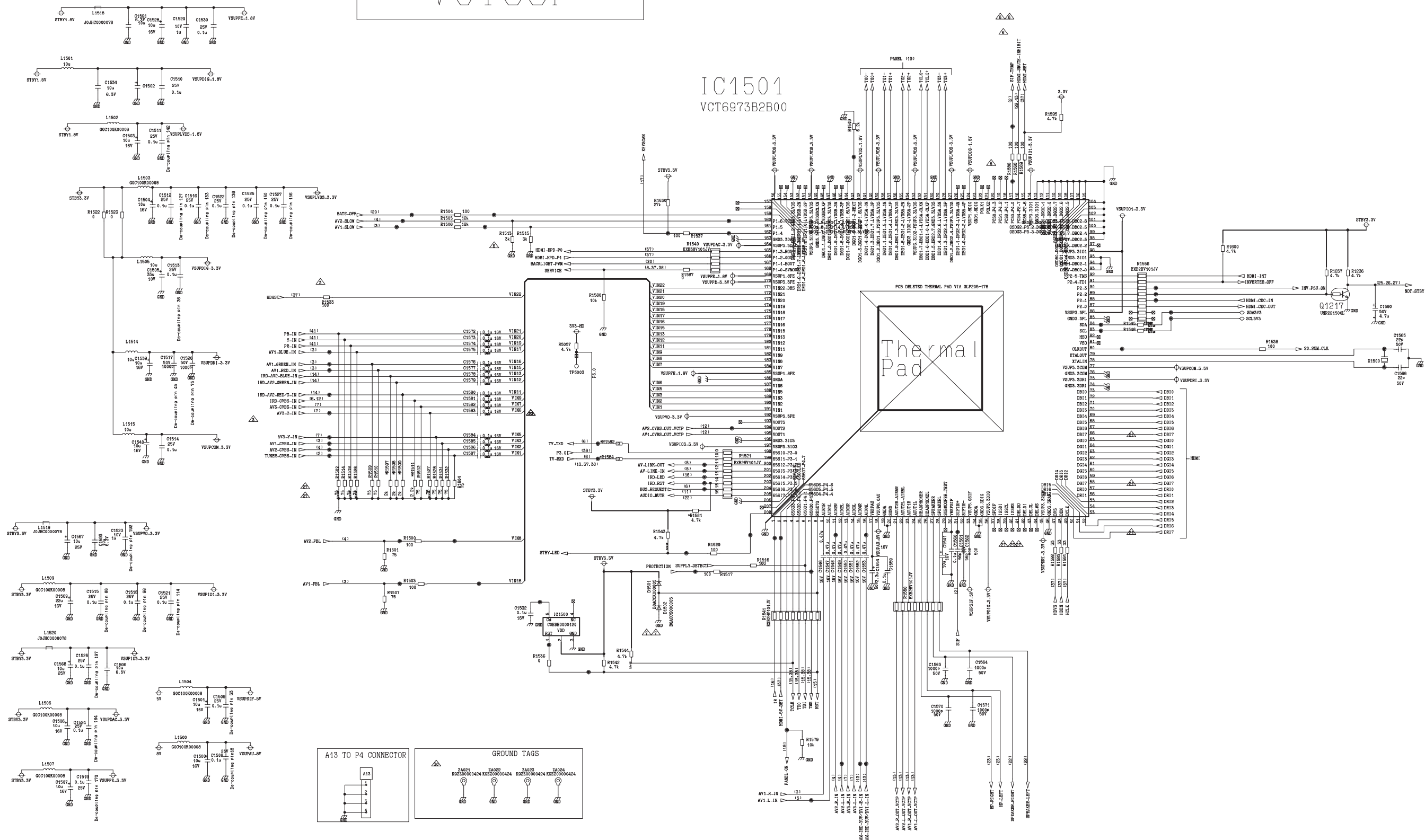


EEPROM





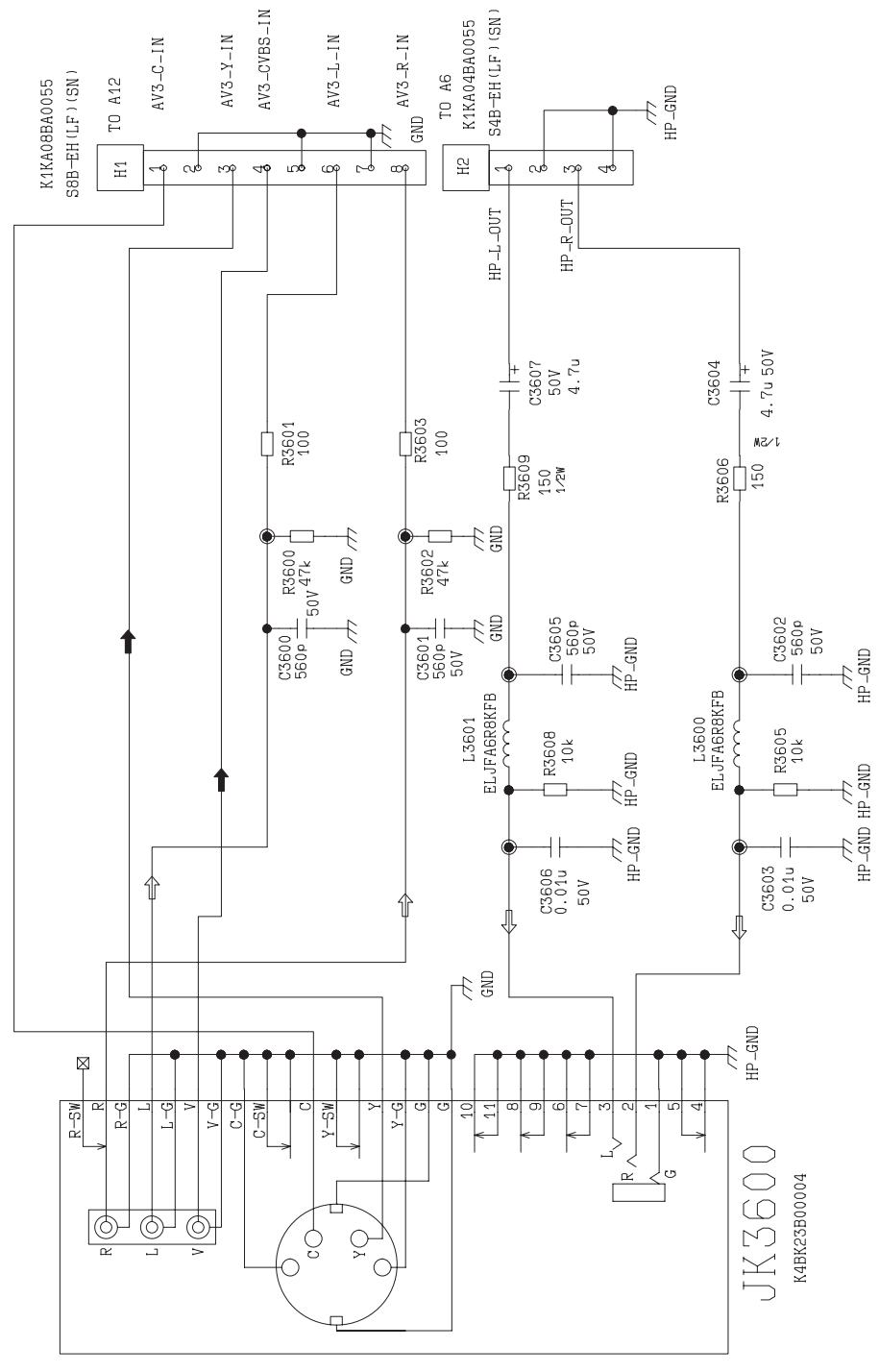
VCT69P



HDMI



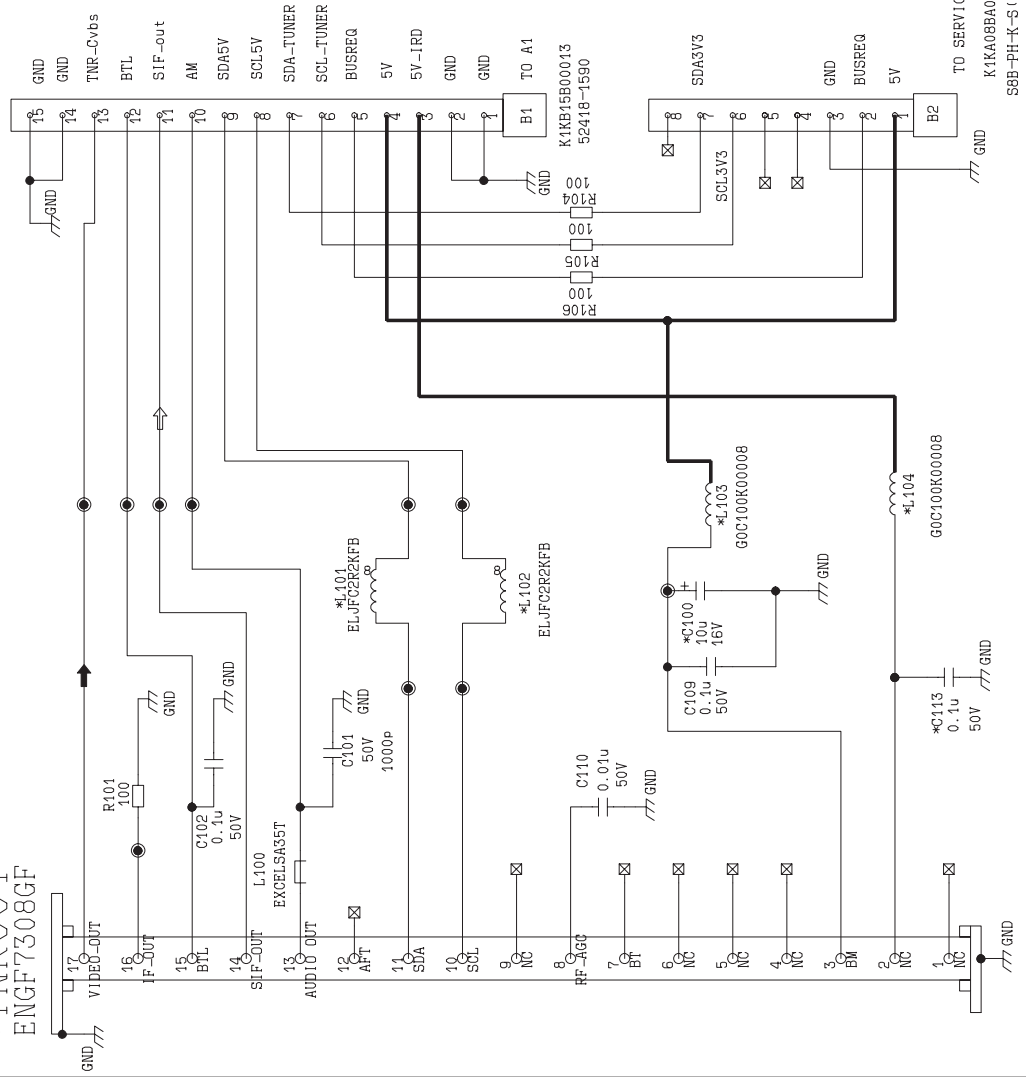
TNP8EHL50 H-BOARD



TNP8EBL50 B-BOARD

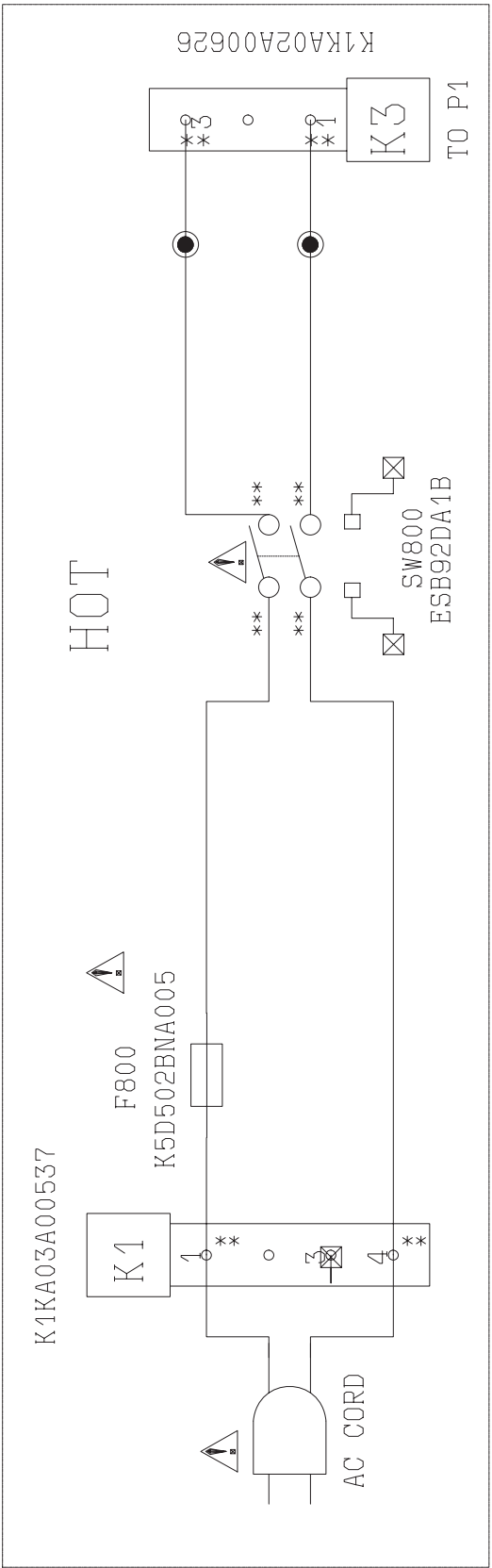


*TNR001
ENGF7308GF





TNP8EKL50
K-BOARD

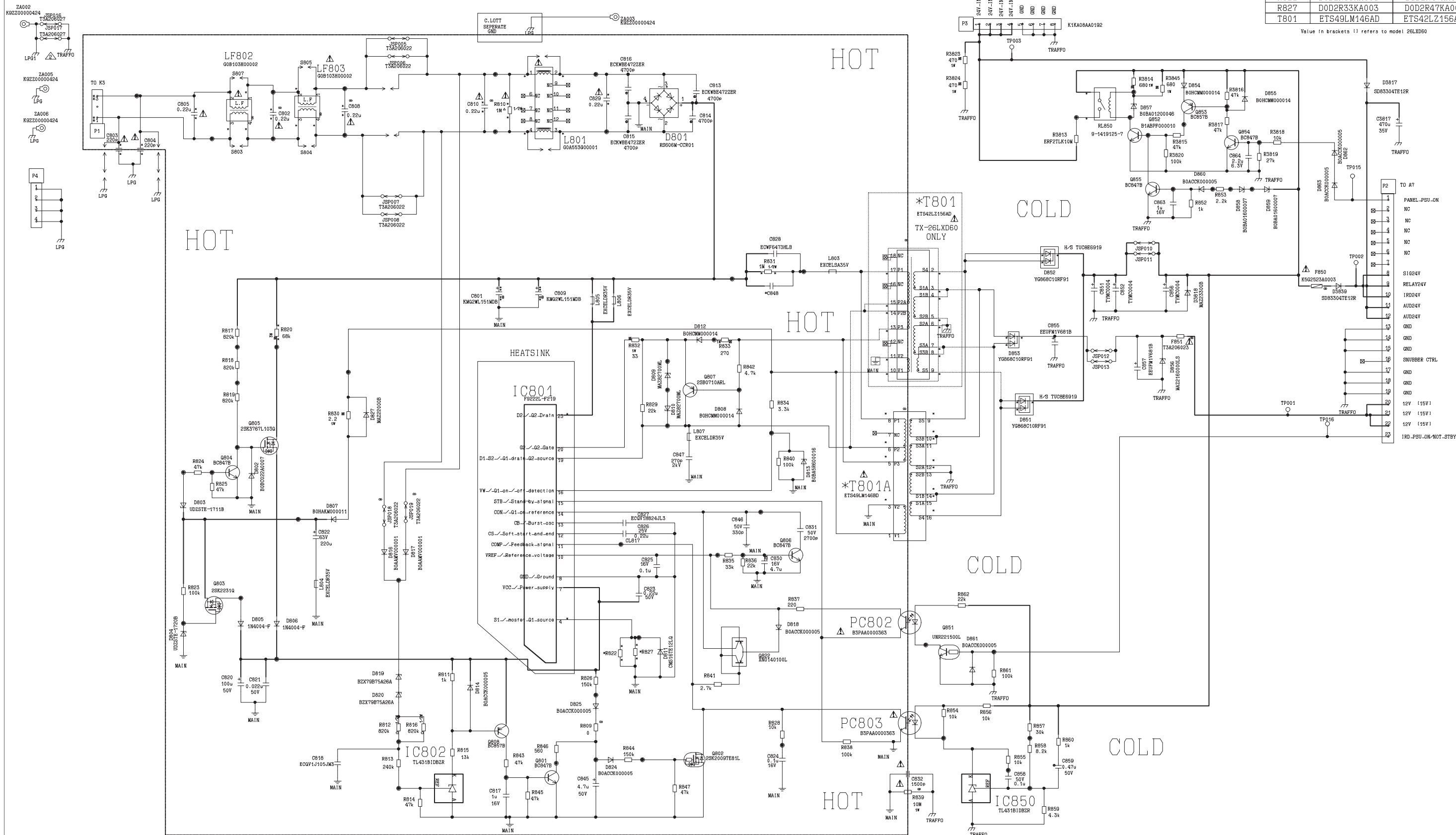


TNP8EPL50 P-BOARD

DIFFERENCE LIST

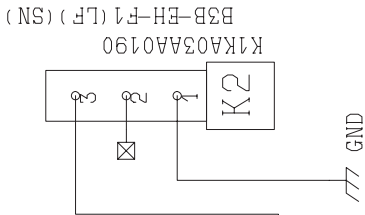
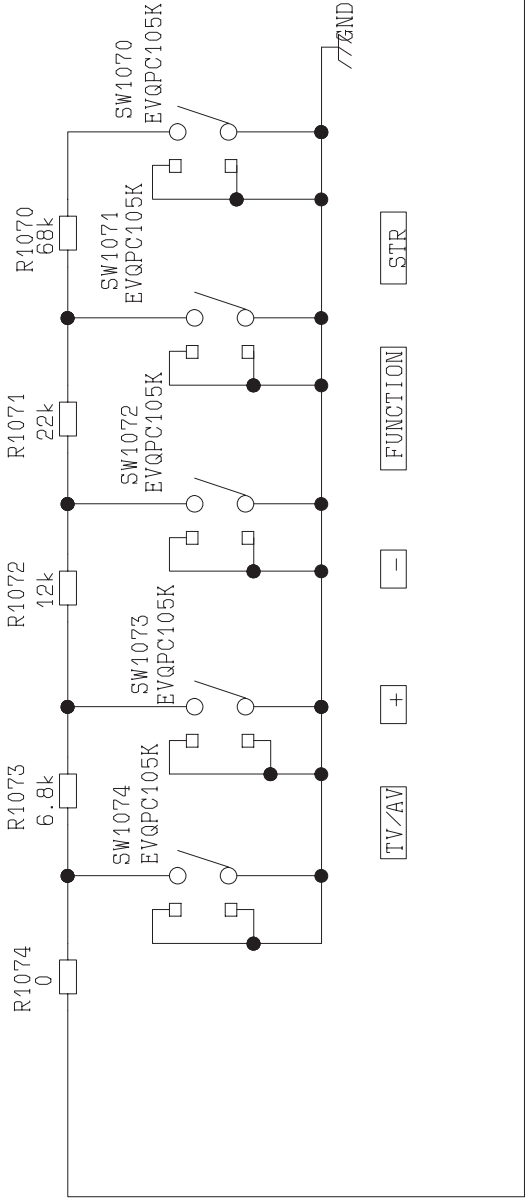
POSITION	M O D E L	
	TX-32LXD60	TX-26LXD60
C848	ECWF6473HLB	ECWF6333HLB
R822	D0D2R33KA003	D0D2R47KA003
R827	D0D2R33KA003	D0D2R47KA003
T801	ETS49LM146AD	ETS42LZ156AD

Value in brackets () refers to model 26LXD60



TNPKEYTAG

KEY CONTROL



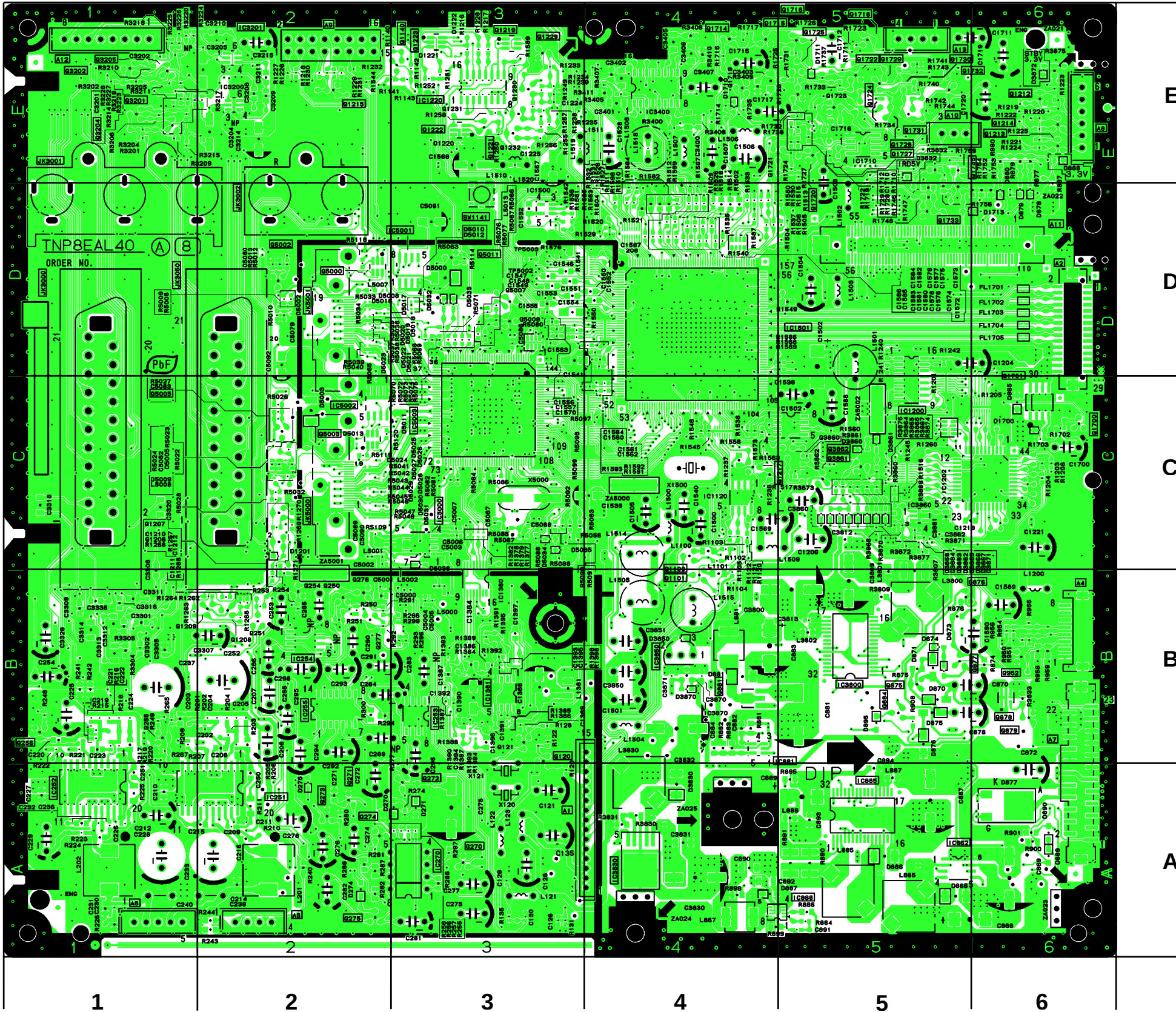
**TNPA3740
XV-BOARD**



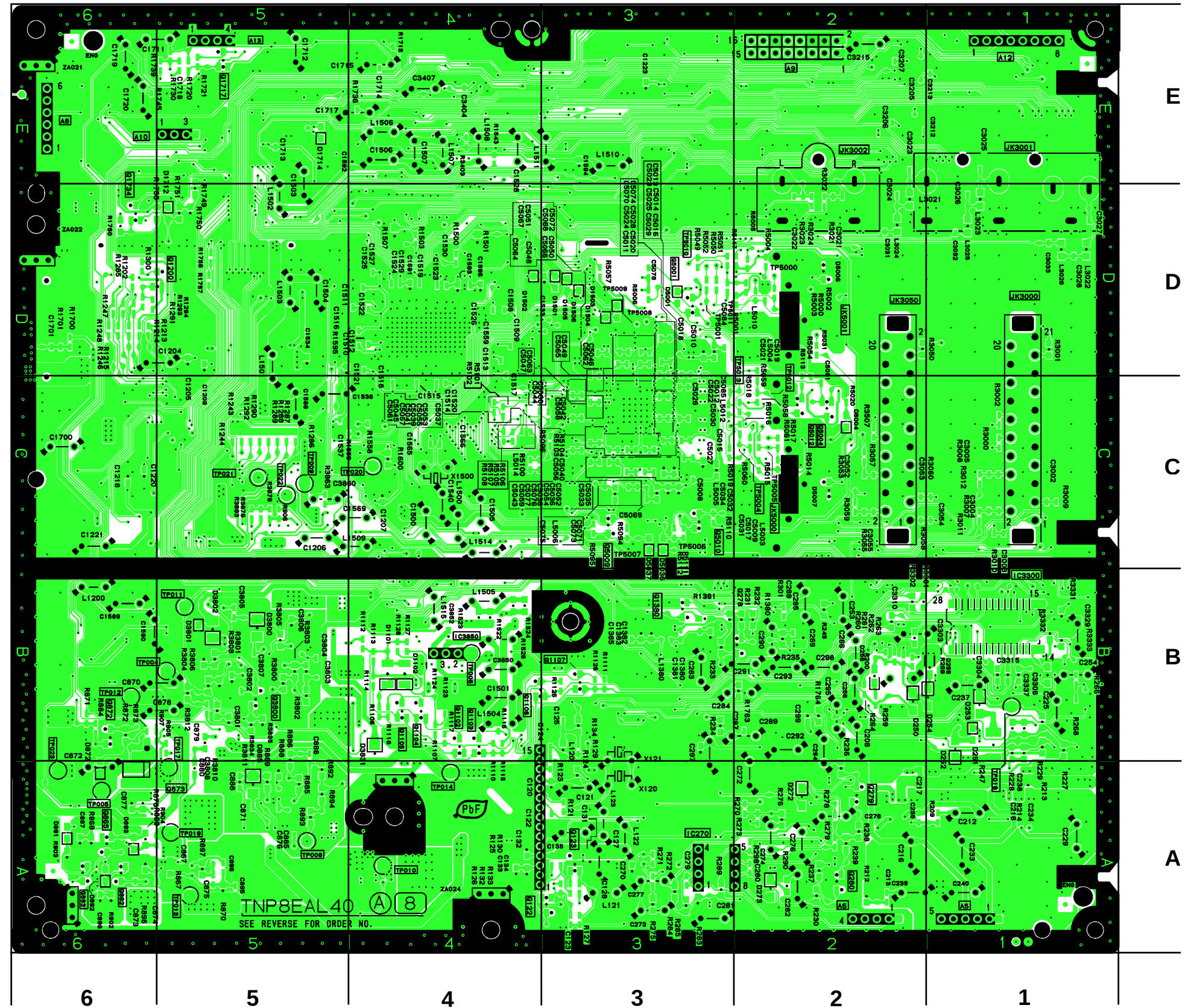
**XV BOARD SCHEMATIC DIAGRAM IS NOT
INCLUDED, IT IS ONLY EXCHANGE UNIT.**

CONDUCTOR VIEWS FOR MODELS
TX-32LXD60, TX-26LXD60
A-BOARD TNP8EAL40 - top

TRAN'S		Q875	B5	D5029	C3
Q1100	C4	Q876	B5	D5030	C3
Q1101	B4	Q877	B5	D5031	C3
Q1207	C2	Q878	B6	D5032	D3
Q1208	B2	Q879	B6	D5033	D3
Q1209	B2	Q881	B4	D5034	C3
Q1212	E6	Q952	B6	D5035	C3
Q1213	E6			D5038	C3
Q1214	E6	DIODE'S		D866	A5
Q1215	E2	D1201	C2	D870	B5
Q1217	C4	D1220	E3	D871	B5
Q1219	E3	D1221	E3	D873	B5
Q1222	E3	D1222	E3	D874	B5
Q1223	E3	D1700	C6	D875	B5
Q1229	E3	D270	A3	D876	B5
Q1230	E3	D271	A3	D877	A6
Q1231	E3	D274	A2	D878	D6
Q1232	E3	D275	A2	D879	D6
Q1700	C6	D3830	A4	D880	D6
Q1701	C6	D3850	B4	D881	B4
Q1721	E4	D3862	C5	D886	A5
Q1733	D5	D3863	C5	D887	A4
Q1735	D5	D3864	C5	D889	A6
Q250	B2	D3865	C5		
Q251	B2	D3866	C5	IC'S	
Q254	B2	D3867	C5	IC1120	C4
Q270	A3	D3871	C5	IC1200	C5
Q271	A2	D5000	D3	IC1220	E3
Q272	A3	D5003	C2	IC1380	B3
Q273	A2	D5008	D2	IC1381	B3
Q274	A2	D5009	C2	IC1500	D3
Q275	A2	D5010	D3	IC1501	D4
Q276	B2	D5011	C3	IC251	A2
Q277	B2	D5012	D3	IC252	A1
Q3201	E1	D5013	C2	IC3200	E2
Q3202	E1	D5016	D3	IC3201	E2
Q3204	E1	D5017	D3	IC3400	E4
Q3205	E1	D5018	D2	IC3800	B5
Q3860	C5	D5019	D2	IC3830	A4
Q3861	C5	D5020	D2	IC5000	C3
Q3862	C5	D5021	D2	IC5001	D3
Q5000	D2	D5022	D2	IC5002	C2
Q5002	D2	D5023	D2	IC5003	C3
Q5003	C2	D5024	C2	IC862	A5
Q5005	C2	D5025	C3	IC866	A4
Q5007	D3	D5026	C3	IC881	B4
Q5008	D3	D5027	C3	IC885	A5
Q5011	D3	D5028	C3		

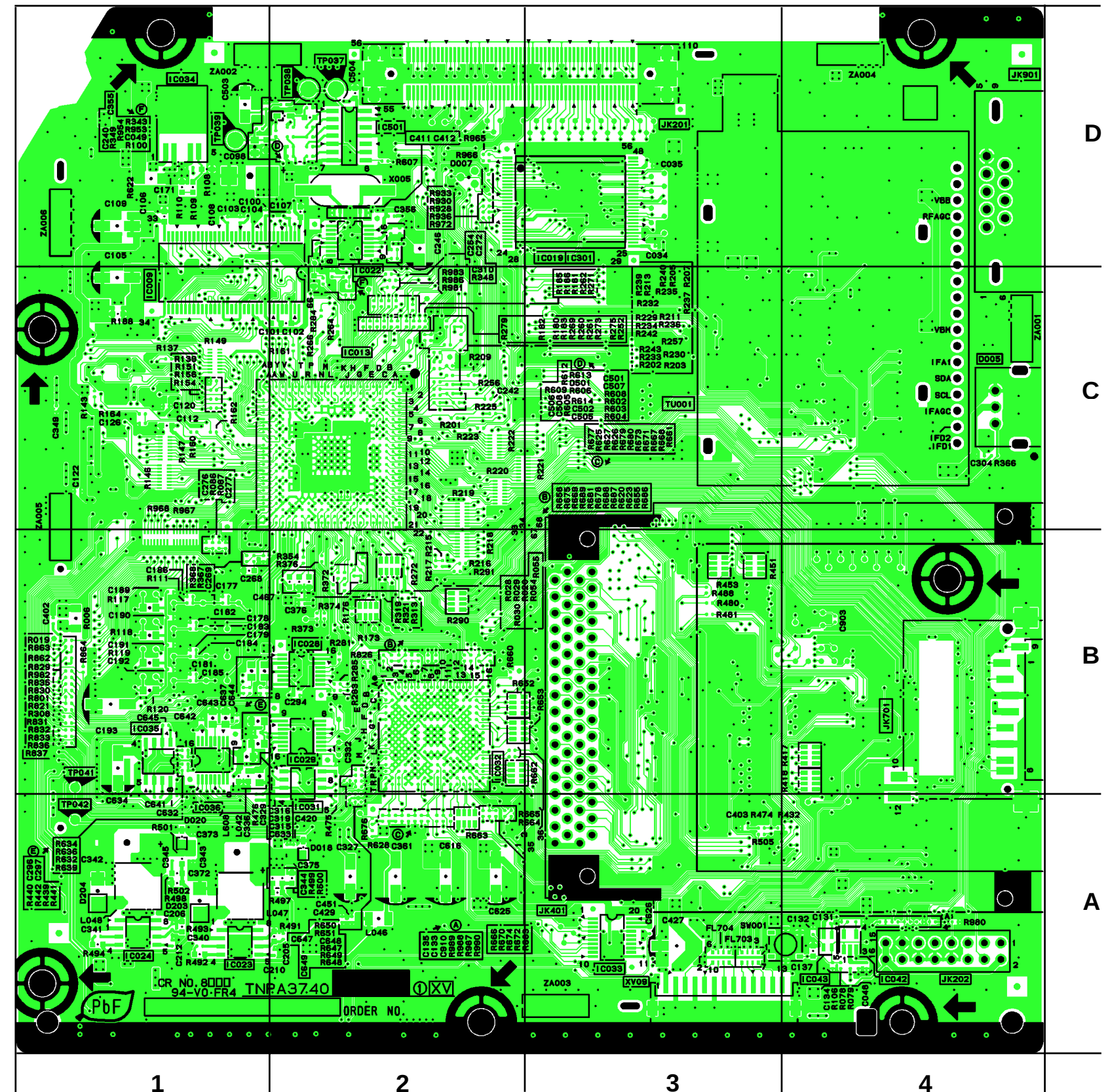


TRAN'S		D3831	B4
Q1200	D5	D5001	D3
Q122	A3	D5004	C2
Q123	A3	D5036	C3
Q1380	B3	D5037	C3
Q1734	D6	D872	A6
Q3800	B5	D885	A5
Q5001	D3	D892	A6
Q5004	C2		
Q5009	C3	IC'S	
Q5010	C3	IC270	A3
Q5012	C2	IC3300	B1
Q865	A6	IC3850	B4
Q872	B6		
Q873	A5	TP'S	
Q882	A6	TP004	B5
		TP005	A6
DIODES		TP006	B4
D1101	B4	TP008	A5
D1102	B4	TP009	C5
D1501	D3	TP010	A4
D1502	D4	TP011	B5
D250	B2	TP012	B6
D254	B1	TP013	A5
D255	B1	TP014	A4
D272	A2	TP017	A5
D273	A2	TP018	B1
D3800	B5	TP019	A5
D3801	B5	TP020	C4
D3802	B5	TP023	A6

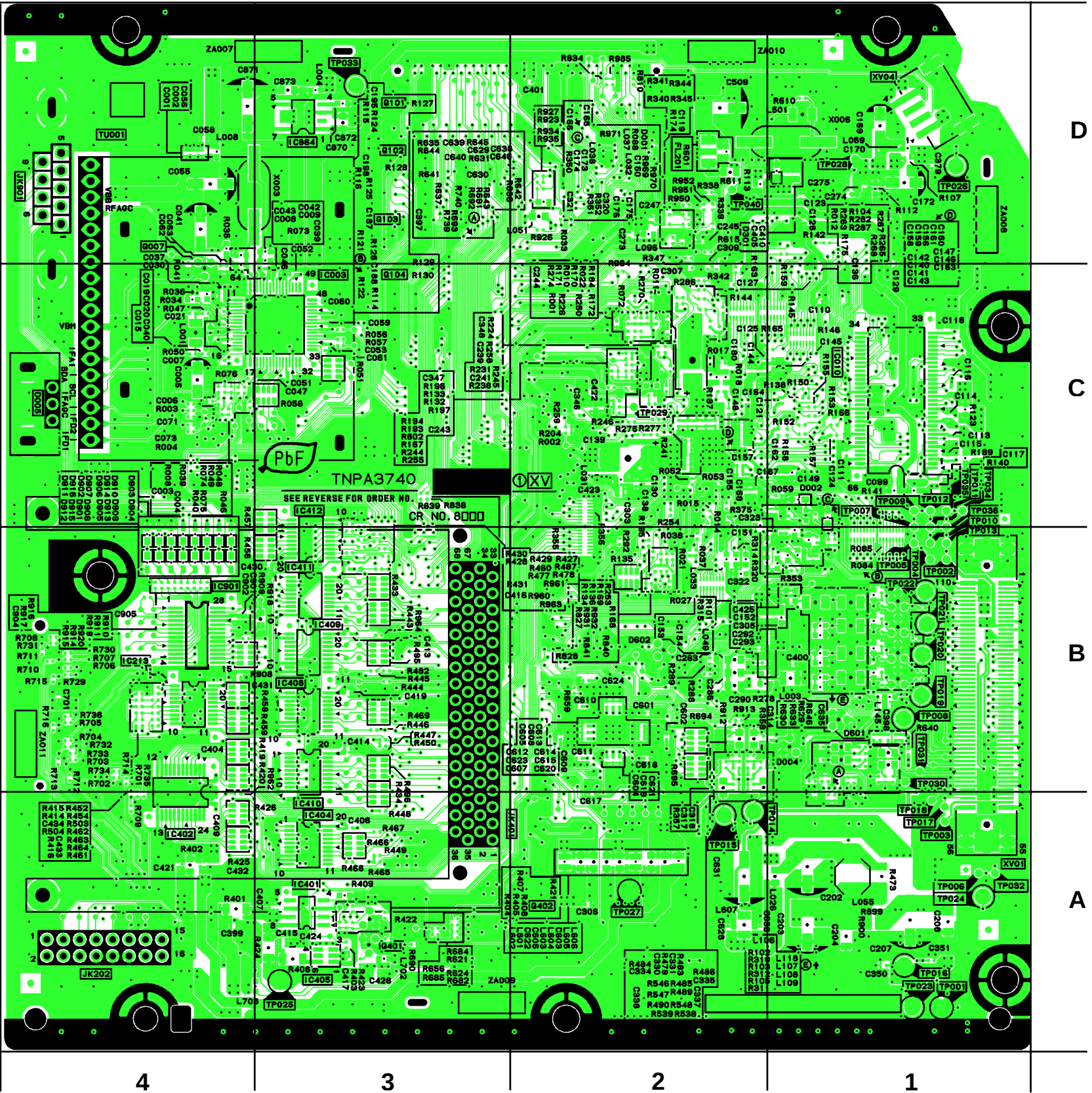


XV-BOARD TNPA3740 - top

DIODES	
D8203	A1
D8204	A1
D8501	D2
IC'S	
IC8009	D1
IC8013	C2
IC8019	D3
IC8023	A1
IC8024	A1
IC8029	B2
IC8031	B2
IC8034	D1
IC8042	A4
IC8501	D2

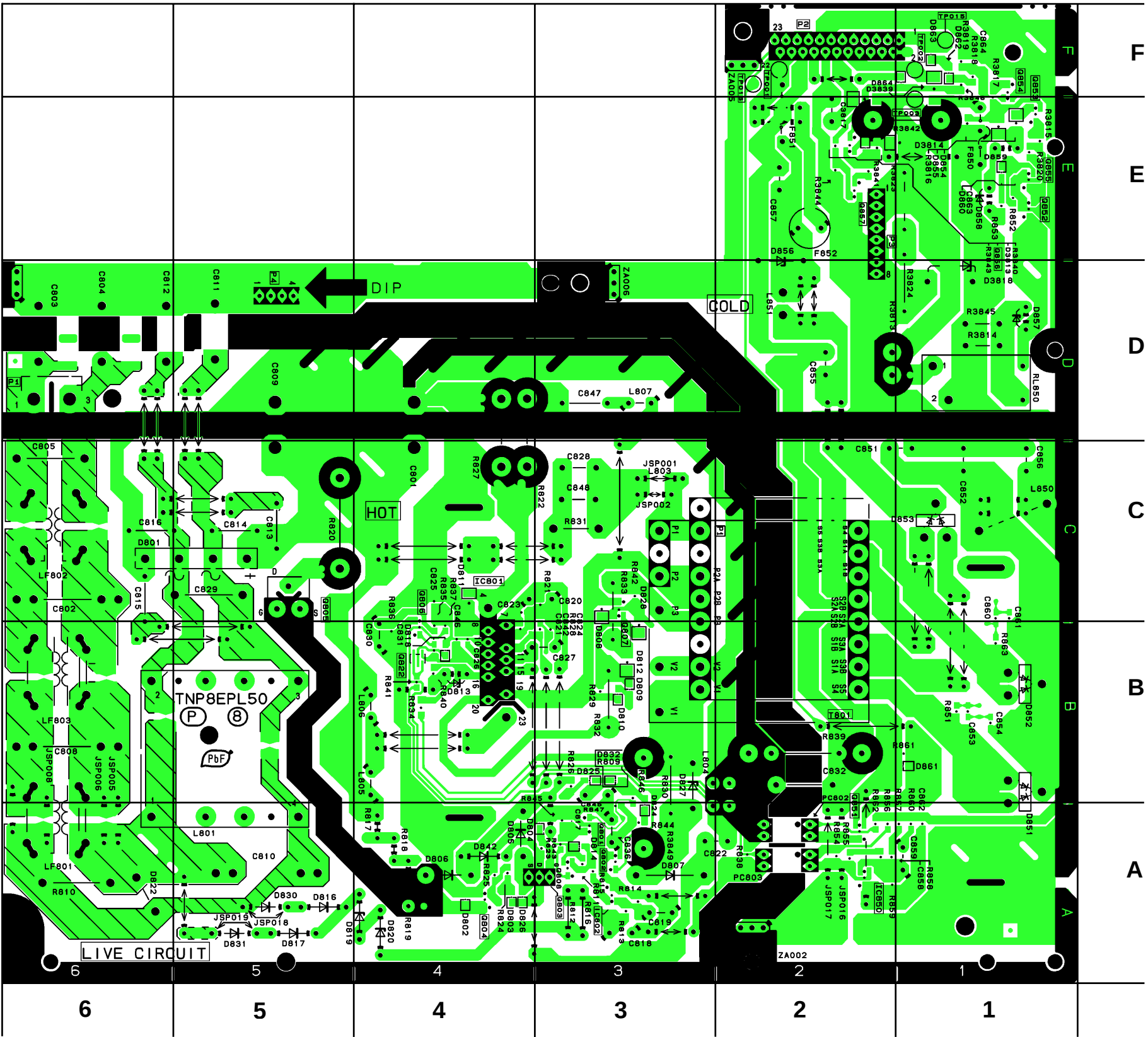


TRAN'S	
Q8101	B1
Q8102	B1
Q8103	B1
Q8104	B1
Q8401	A3
Q8402	A2
IC'S	
IC8003	C3
IC8213	B4
IC8402	B4
IC8404	A3
IC8405	A3
IC8408	B3
IC8409	B3
IC8410	B3
IC8411	B3
IC8412	B3
IC8864	D3



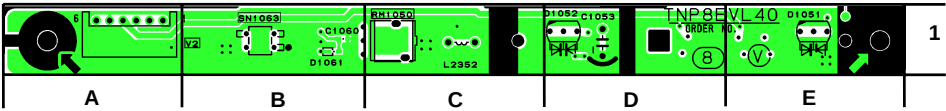
P-BOARD TNP8EPL50

TRAN'S		D814	A3
Q801	A3	D816	A5
Q802	A3	D817	A5
Q803	A3	D818	B4
Q804	A4	D819	A4
Q805	C5	D820	A4
Q806	B4	D824	A3
Q807	C3	D825	B3
Q808	A3	D827	B3
Q822	B4	D851	B1
Q851	A2	D852	B1
Q852	E1	D853	C1
Q853	E1	D854	E1
Q854	E1	D855	E1
Q855	E1	D856	D2
DIODE'S		D857	D1
D3817	E2	D858	E1
D3818	D1	D860	E1
D3839	E1	D861	B1
D801	C5	D862	F1
D802	A4	D863	F1
D803	A4		
D804	A3	IC'S	
D805	A4	IC801	B4
D806	A4	IC802	A3
D807	A3	IC850	A2
D808	C3		
D809	B3	TP'S	
D810	B3	TP001	F2
D811	C4	TP002	F1
D812	B3	TP003	E1
D813	B4		



V-BOARD TNP8EVL40 - top

DIODES	
D1061	B1



V-BOARD TNP8EVL40 - bottom

TRAN'S	
Q1063	D1
Q1064	E1
Q1065	E1
DIODES	
D1051	E1
D1062	B1

